Telephone No.: City 510.

ST. BARTHOLOMEW'S HOSPITAL AND COLLEGE.

University of London.

SESSIONS 1921-22.

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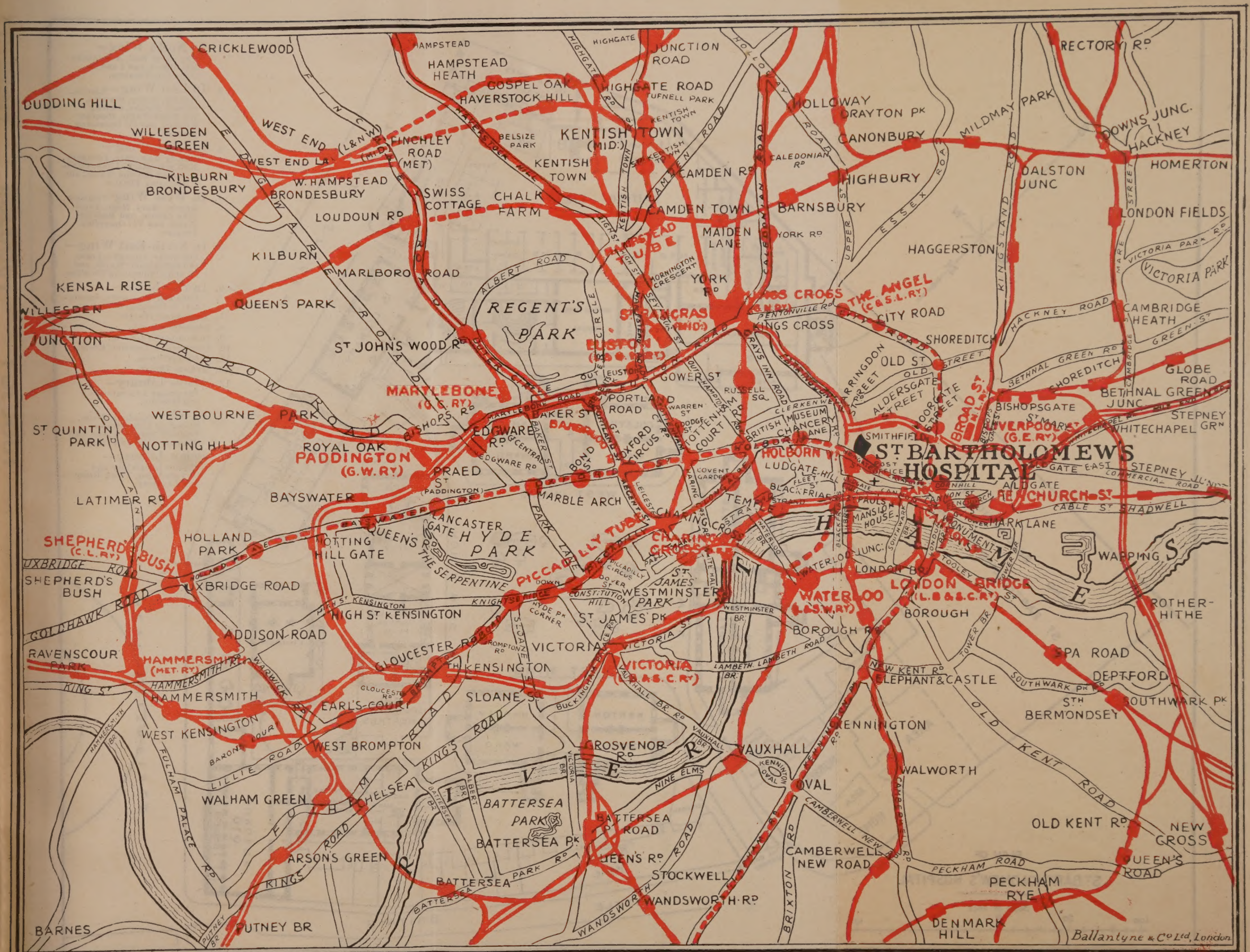
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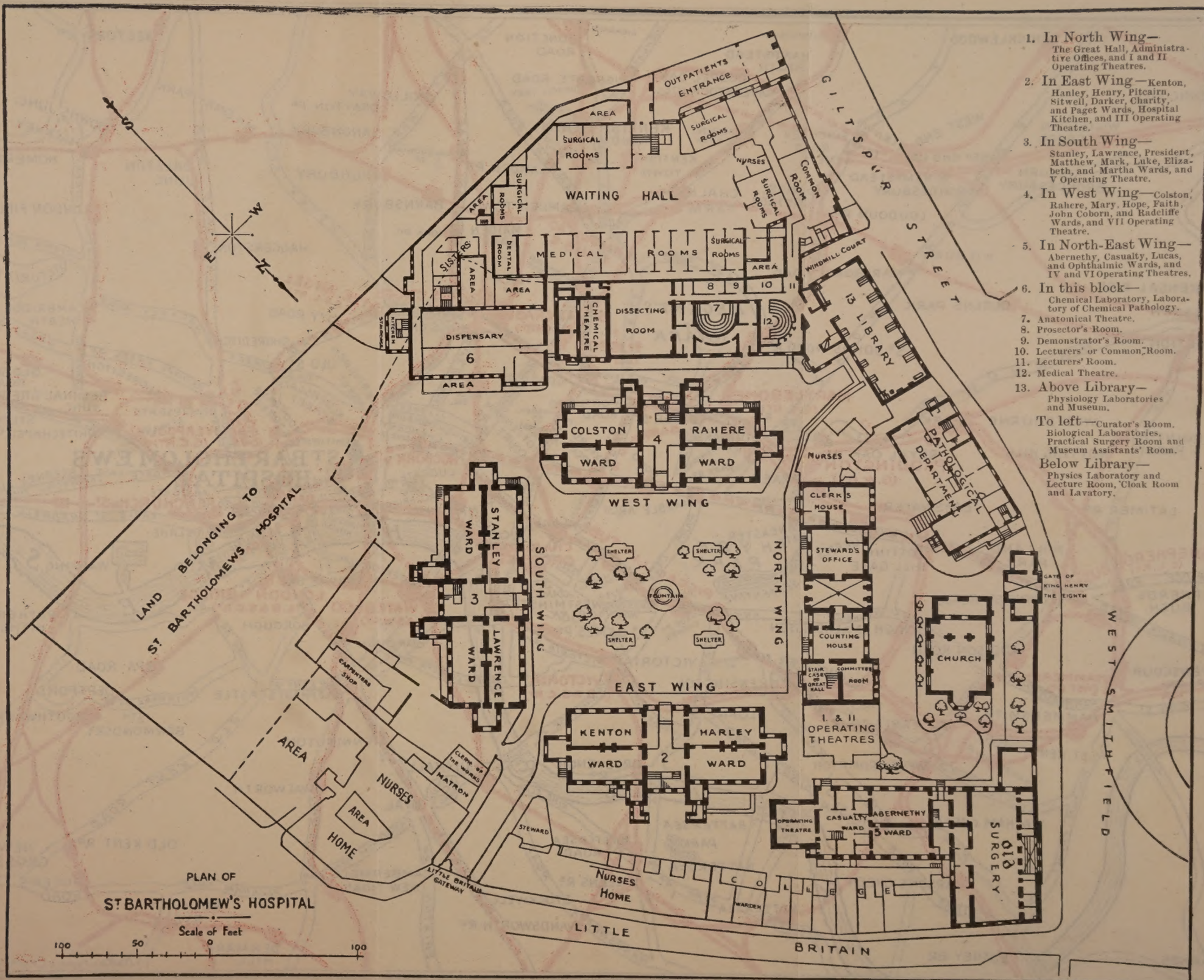
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3. In South Wing—
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5. In North-East Wing—
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9. Demonstrator's Room.
10. Lecturers' or Common Room.
11. Lecturers' Room.
12. Medical Theatre.
13. Above Library—
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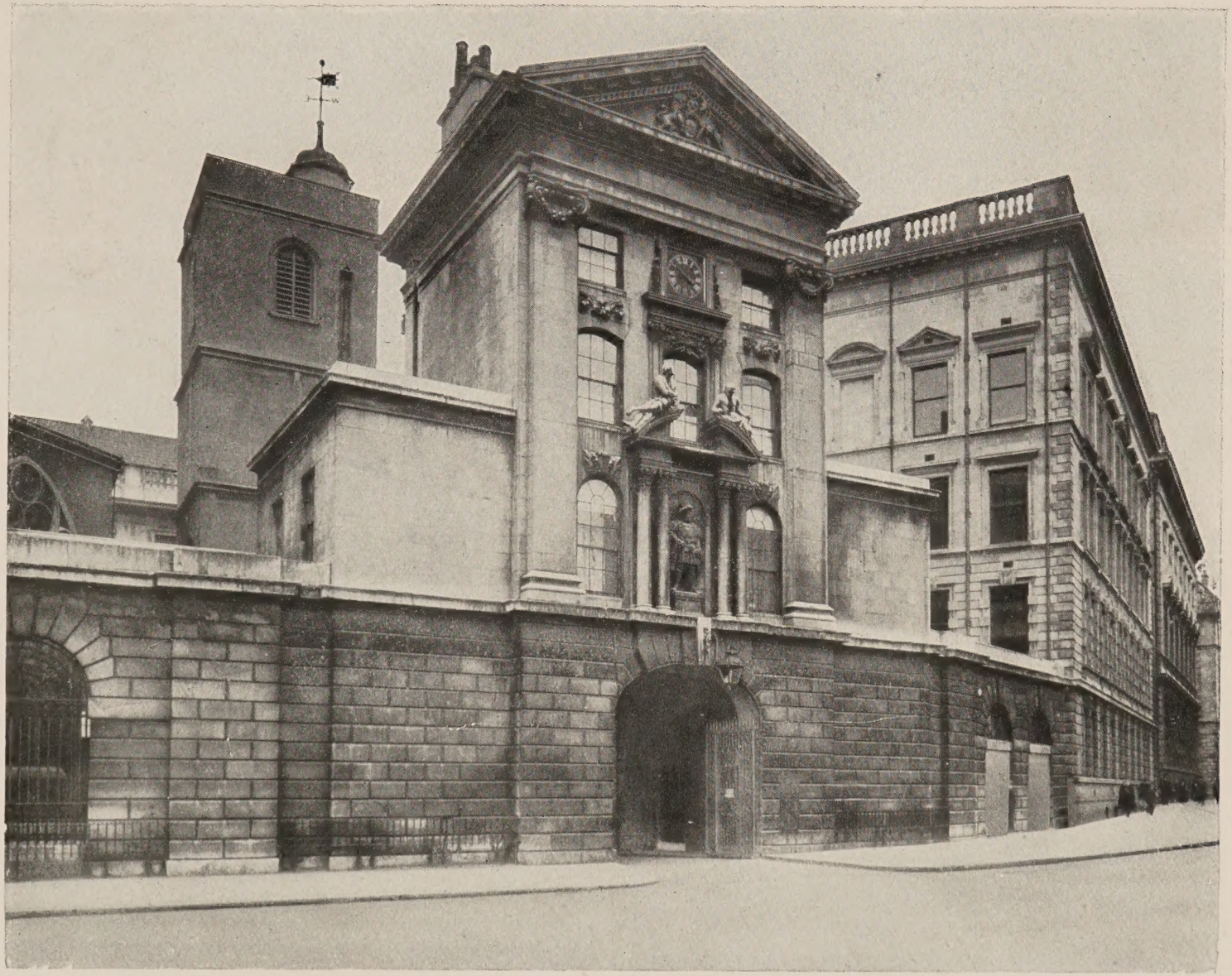

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W. GIRLING BALL, F.R.C.S.

ALL COMMUNICATIONS concerning the Medical School should be addressed and cheques made payable to

T. W. SHORE, O.B.E., M.D.(Lond.),
Dean of the Medical School,
St. Bartholomew's Hospital, London, E.C. 1.

The Dean attends daily (at the Medical School Offices) from 10.30 to 12.30 and at other times by appointment. (Telephone City 510.)

THE WINTER SESSION 1921-1922 begins on October 1st, 1921, and ends on March 31st, 1922.

THE SUMMER SESSION begins on April 21st, 1922, and ends on July 19th, 1922.

THE ENTRANCE SCHOLARSHIPS will be awarded after an Examination held on September 19th, 1921, and following days (*vide* p. 18).

A REGISTER of Senior and recently qualified St. Bartholomew's men, who are seeking Practices, Partnerships, Assistantships and Locum Tenencies, is kept by the School Registrar, Mr. W. E. SARGANT, M.R.C.S., L.R.C.P., and all communications relating to these appointments should be addressed to him at the Hospital. (Telephone City 510.)

SUPERVISION OF THE STUDIES OF STUDENTS.

IN order to facilitate and direct the studies of the different classes of students coming to St. Bartholomew's Hospital, Special Tutors have been appointed. Students are strongly urged to consult the Tutor to whom they have been attached concerning all points in connection with their Studies, Clinical Appointments, or Examinations.

Tutor for University of London Students:
T. W. SHORE, O.B.E., M.D., B.Sc.(Lond.).

Tutor for University of Oxford Students:
H. THURSFIELD, M.D.(Oxon.), F.R.C.P.

Tutor for University of Cambridge Students:
J. H. DRYSDALE, M.D.(Cantab.), F.R.C.P.

Tutor for Students of the Royal Colleges of Physicians and Surgeons:
W. GIRLING BALL, F.R.C.S.

SCHOLARSHIPS AND PRIZES.

The following Twenty-seven Scholarships and Prizes are obtainable by Students at St. Bartholomew's Hospital:

AT ENTRANCE:

Entrance Scholarship in Science—Senior	£75
Entrance Scholarship in Science—Junior	100
Entrance Scholarship in Arts	100
Jeaffreson Exhibition	50*
Shuter Scholarship	50*

AT END OF FIRST YEAR:

Junior Scholarship	30
Junior Scholarship	20
Junior Scholarship	25
Junior Scholarship	15
Treasurer's Prize	5

AT END OF SECOND YEAR

Senior Scholarship	50
Foster Prize	5*
Harvey Prize	6/6/-*
Wix Prize	5*
Hichens Prize	6*

AT END OF THIRD AND LATER YEARS:

Kirkes Scholarship and Gold Medal	30*
Brackenbury Medical Scholarship	39*
Brackenbury Surgical Scholarship	39*
Sir George Burrows Prize	10/10/-*
Skynner Prize	13/13/-*
Bentley Prize	5/ 5/-*
Matthews Duncan Medal and Prizes	20*
Willett Medal	3/ 3/-*
Walsham Prize	7/ 7/-*
Luther Holden Scholarship in Surgery.	105*
Lawrence Research Scholarship and Gold Medal.	115

The total value of the Scholarships and Prizes awarded annually is over £900.

For the conditions of Award see pages 18 to 22.

* The amounts stated for these Scholarships and Prizes are approximate; the exact amounts depending upon dividends from endowments.

ST. BARTHOLOMEW'S HOSPITAL AND COLLEGE.

SAINT BARTHOLOMEW'S HOSPITAL was founded in its present position in the year 1123,* in fulfilment of a vow made in Rome during illness by Rahere, a Canon Regular of St. Austin, who also founded the Priory of St. Bartholomew. With the aid of Richard de Belmeis, Bishop of London, he obtained a grant of the land on which the hospital stands from King Henry I. In the reign of Henry II, John Bocointe, William FitzSabelline, and Hersent, wife of Geoffrey of St. Loy, gave one adjoining piece of land, Michael de Valencins another, and other additions were made during the twelfth century and some at later periods, the last being the purchase in 1902 of an acre and a half of the land of Christ's Hospital, on which new out-patient rooms, special departments, and quarters for the resident staff have recently been erected.

The corporate body of the hospital and the staff for attendance upon the patients were for many centuries identical, and consisted of a master, eight brethren, and four sisters. They were subject to the rule of St. Austin. The master when elected was presented to the Prior of St. Bartholomew's in Smithfield, or, if he refused institution, to the Bishop of London ; and the assent of the Prior and Canons was required before anyone could become a member of the Hospital Society. From the beginning St. Bartholomew's was a hospital for the sick, and not a mere almshouse, and this is distinctly expressed in a grant of privileges to it by Edward III, which thus states the uses of the Hospital : "Ad omnes pauperes infirmos ad idem hospitale confluentes quousque de infirmitatibus suis convaluerint, ac mulieres prægnantes quousque de puerperio surrexerint, necnon ad omnes pueros de eisdem mulieribus genitos, usque septennium, si dictæ mulieres intra hospitale prædictum decesserint."

Among its early benefactors were Thomas of London, Archbishop of Canterbury ; Henry FitzAilwin, the first Mayor of London ; William Longespée, one of the witnesses of Magna Charta ; King Henry III ; King Edward I ; and King Edward II.

The relations of the Hospital and Priory were examined, and the privileges of the Hospital confirmed by Pope Lucius III in 1183 ; by Richard de Ely, Bishop of London, in 1198 ; by Eustace de Fauconberg, Bishop of London, on July 1st, 1224 ; and by Simon of Sudbury, Bishop of London, on May 1st, 1373 ; and the two foundations were finally separated on the dissolution of the Priory in 1537. The Hospital and

* The date 1102, which is given as that of the foundation in two modern inscriptions upon the hospital walls, is erroneous, and originated in an error of transcription which occurs in a fifteenth-century copy of a life of Rahere written in the twelfth century.

its revenues came into the possession of Henry VIII, who in 1544, at the petition of Sir Richard Gresham, Lord Mayor of London, and father of Sir Thomas Gresham, refounded it by Royal Charter, and in 1547 granted it a fresh Charter, which gave back to the foundation the greater portion of its former revenues; "considering the miserable estate of the poore, aged, sick, low, and impotent people, as well men as women, lying and going about begging in the common streets of the said City of London and the suburbs of the same, to the great paine and sorrowe of the same poore, aged, sick, and impotent people, and to the great infection, hurt, and annoyance of His Grace's loving subjects, which of necessity must daily goe and pass by the same poore, sick, low, and impotent people, being infected with divers great and horrible sicknesses and diseases."

At the granting of Henry VIII's Charter, St. Bartholomew's Hospital contained 100 beds, and since that time its accommodation for in-patients has increased to seven times its original extent, while the whole out-patient department has been added, which extends the benefits of the foundation to about 80,000 patients every year.

The earliest medical book due to St. Bartholomew's Hospital was written by John Mirfield, one of the Canons of the Priory, in the latter half of the fourteenth century. It is called 'Breviarium Bartholomei,' and is a general treatise on medicine based in part upon observations made in the Hospital.

For some years after the granting of the Charter of 1547, Thomas Vicary, serjeant-surgeon to Henry VIII, Edward VI, Mary, and Elizabeth, took an active part in the superintendence of the Hospital. Soon after the second foundation the staff consisted of a physician and three surgeons. The first physician was Dr. Roderigo Lopus, and the three first surgeons were William Cartar, George Bailey, and Thomas Vaughan.

Harvey, the discoverer of the circulation of the blood, was appointed physician to the Hospital, October 14th, 1609, and held this office for thirty-four years. The principles as to the kind of cases which ought to be admitted, and the length of time which cases should remain under treatment in the wards, are stated in some rules which he drew up at the request of the Governors, and are followed to this day.

Although the actual commencement of a Medical School is not recorded, it appears that in 1662 students were in the habit of attending the medical and surgical practice of the Hospital; and their studies were assisted by the formation, five years afterwards, of a Library "for the use of the Govenors and young University scholars."

The earliest record of the School of St. Bartholomew's dates, therefore, from 1662, from which time, encouraged by the Governors of the Hospital —among whom, at the beginning of the eighteenth century, were Drs. Radcliffe and Mead—it continued to grow so that in 1726 accommodation was provided for a Museum of Anatomical and Chirurgical preparations, which was placed under the charge of John Freke, then assistant-surgeon to the Hospital, and previously serjeant-surgeon to

Queen Anne; and in 1734 leave was granted for any of the surgeons or assistant-surgeons "to read Lectures in Anatomy in the dissecting-room of the Hospital."

The first surgeon who availed himself of this permission was Edward Nourse, whose courses consisted, as appears from his Syllabus, addressed 'Studiosis Chirurgiæ in S^ti^ Bartholomæi Nosocomio," of twenty-three lectures each. These anatomical lectures, delivered for many years in or near the Hospital, were followed in 1765, and for many years after, by courses of Lectures on Surgery from his former pupil and prosector, Percivall Pott, who had been some years surgeon to the Hospital, and among whose pupils was John Hunter. About the same time Dr. William Pitcairn, and subsequently Dr. David Pitcairn, who were successively physicians to the Hospital, delivered lectures, probably occasional ones, on Medicine. It was in one of these courses that Dr. David Pitcairn pointed out the relation between cardiac disease and acute rheumatism, till then unobserved.

Further additions to the course of instruction were made by John Abernethy, who was elected assistant-surgeon in 1787. In conjunction with his colleagues Drs. William and David Pitcairn, he established the principal lectures of the present day, himself lecturing on Anatomy, Physiology, and Surgery, in the Theatre erected for him by the Governors in 1791; and his high reputation attracted so great a body of students—amongst whom were Benjamin Brodie and William Lawrence and the poet Shelley—that it was found necessary, in 1822, to erect a new and larger Anatomical Theatre. In the same period Dr. William Austin, Physician to the Hospital, delivered the first course of Lectures on Chemistry.

The progress of science and the extension of medical education have led to the institution of additional lectureships on subjects related to Medicine, and of courses of instruction in special branches of Medicine and Surgery. In 1835 and 1854 the Anatomical Museum was considerably enlarged; new Medical and Chemical Theatres and Museums of Materia Medica and Botany were built; and the Library was enlarged, while fresh Dissecting Rooms were built in 1865.

In 1866 a New Laboratory for the Study of Practical Chemistry was provided, and in the year 1870 a second extensive Laboratory was built, with a Room specially constructed for the teaching of Natural Philosophy. New wards for patients with Diseases of the Eye were completed in the same year. In 1877 a new Anatomical Theatre was fitted up and the Dissecting Rooms were enlarged.

In 1876, the increase in the number of students having continued to so great an extent as to render the then existing accommodation insufficient, the Governors decided upon removing the old buildings and replacing them upon an enlarged area, so as to more than double the previous accommodation. This design was completed in 1881, at a cost of £50,000, and the Dissecting Rooms, Library, Museum, and Theatres were rebuilt.

In 1890 a special Laboratory for Bacteriology was constructed.

During the year 1891 new Laboratories for Public Health and special Pathology of Preventable Diseases and for Biology were built, and in 1899 considerable additions were made to the appliances of the Laboratories for Physiology and Physics.

In 1843 the Governors founded a College, to afford the pupils the moral advantages, together with the convenience, of a residence within the walls of the Hospital. The College has since been enlarged to nearly twice its original extent. Its site was part of the gift to the Hospital of John Bocointe, William FitzSabelline, and Hersent, wife of Geoffrey of St. Loy, in 1139.

The Hospital had formerly four Chapels—St. Catharine, near the north corner of the Smithfield front; St. Nicholas and St. Andrew on the south side, near the Dispensary; and The Holy Cross, near the Smithfield Gate. The last is now known as the Church of St. Bartholomew-the-Less. The Hospital is itself a Parish.

A complete Convalescent Hospital at Swanley in Kent forms an important part of St. Bartholomew's Hospital, and accommodates 70 patients. It was formally opened on July 13th, 1885, and is called after its founder, Mr. Kettlewell.

In 1877 an Institution was opened for the Training of Nurses in connection with the Hospital. The Nurses receive instruction by Lectures from members of the staff appointed to that office, and certificates are granted after a course of training extending over four years, including two examinations.

In 1904 a new Laboratory for Chemical Pathology was fitted up.

During 1905 two new Operation Theatres were built, and during 1907 a new block was completed at a cost of £120,000, comprising new Resident Quarters, Students' Dining and Common Rooms, Casualty and Special Departments, Dispensary, Casualty Wards, and a Clinical Lecture Theatre. In 1906 a new Lecture Theatre and Laboratory for Physics were constructed. In 1907 a new Chemical Laboratory, including a Laboratory for Public Health, was opened, and in 1909 the Pathological Block with large and extensive laboratories was completed.

The clinical Practice of the Hospital now comprises a service of 757 beds; of these 234 are allotted to the Medical Cases, 310 to the Surgical Cases, 25 to Diseases of the Eye, 30 to the Diseases of Women, 17 to Maternity Cases, 20 to Diseases of the Throat and Ear, and 51 to general and isolation cases; while 70 are at the Convalescent Hospital at Swanley. Children are admitted into both the Medical and Surgical Wards, those under 5 years of age being received into the female wards.

During the year 1920 the number of In-Patients under treatment was 8971, and of Out-Patients 68,604. The Out-Patient and Casualty Practice of the Hospital included 30,385 Medical Cases, 38,219 Surgical Cases, 2531 Gynæcological, 2088 Ophthalmic, 523 Diseases of Children (Medical), 1919 Dental, 2041 Diseases of the Ear, 2808 Diseases of the Skin, 2942 Diseases of the Throat and Larynx, 880 Orthopædic Cases, 628 cases treated in the Electrical Department, 1442 for Massage, 21,689 Venereal Cases, besides 1072 Midwifery Cases attended at their homes.

ST. BARTHOLOMEW'S HOSPITAL. VIEW OF NEW BUILDINGS FROM GILTSPUR STREET.

RESIDENTIAL AND OUT-PATIENT BLOCK.

THE site of St. Bartholomew's Hospital was in 1902 extended by the purchase of one and a half acres of adjoining land from Christ's Hospital. Upon a part of this land a Residential and Out-patient Block was erected at a cost of about £120,000.

The Buildings contain the following accommodation :—

1. THE CLUB ROOMS OF THE STUDENTS' UNION.

(*a*) **A Common Room** on the ground floor. It is a large and handsome room which is furnished as a Smoking and Reading Room.

(*b*) **A Committee Room**, used for the Committee Meetings of the various Clubs of the Students' Union and as a Writing Room.

(*c*) **A Luncheon and Dining Hall**, where Students may obtain breakfast, luncheon, tea, or dinner at a reasonable cost without leaving the Hospital precincts.

(*d*) **A Miniature Rifle Range** in the basement.

2. RESIDENTIAL QUARTERS.

For the House Physicians, House Surgeons and other members of the Resident Staff, and for the Maternity Clerks during their periods of duty. A separate dining-room is provided for the Resident Medical Officers and each has his own Sitting-room and Bedroom. A Billiard Room for the use of the Resident Medical Staff has recently been added.

3. CASUALTY DEPARTMENT.

The Casualty Department consists of a large Waiting Hall for casualty cases and Out-patients. It is 140 feet long and 45 feet wide, and gives seating accommodation for 850 people. Separate entrances for males and females are in the centre of the west side. Staircases and lifts to the upper floors adjoin the entrances. Surrounding the Central Hall, twenty rooms are provided for the use of the Casualty Physicians and Surgeons, the House Physicians and Surgeons, and the Dressers who see the Casualty patients, as well as a Dental Room and two Operation Rooms.

Accident and other Emergency Cases are received in special Rooms which are in communication by a corridor with the Wards.

4. MEDICAL OUT-PATIENT DEPARTMENT.

This comprises a large Clinical Room, in which the Medical Out-patients are seen by the Physicians with charge of Out-patients and Assistant Physicians, and connected with it are a Patients' Waiting Room, Clinical Assistant's Room, Clinical Clerks' Rooms, Clinical Laboratory and Dark Room and Physicians' Private Room.

5. SURGICAL OUT-PATIENT DEPARTMENT.

This contains a large Clinical Room in which the Surgical Out-patients are seen by the Surgeons with charge of Out-patients and the Assistant Surgeons, an Operation Theatre, a Dressing and Sterilising Room, Dressers' Rooms, Patients' Waiting Hall, and Surgeons' Private Room.

6. DEPARTMENT FOR DISEASES OF WOMEN.

This comprises a Clinical Room, Operation Room, Clerks' Room, Clinical Laboratory, a Dressing Room, and Waiting Room for patients.

7. OPHTHALMIC DEPARTMENT.

The rooms in this department comprise a Consulting Room, in which the Ophthalmic Out-patients are seen by the Ophthalmic Surgeons, a Waiting Hall, a Dark Room, an Operation Room, a Septic Room, and a Demonstration Room.

8. AURAL DEPARTMENT.

This Department contains a Clinical Room, Clerks' Room, Operation Room, Recovery Room, Patients' Waiting Hall, and Surgeons' Private Room.

9. DEPARTMENT FOR DISEASES OF THE THROAT AND NOSE.

This comprises a Clinical Room in which patients are seen by the Surgeon and Assistant Surgeon, an Operation Theatre, a Recovery Room, Clerks' Rooms, a Dark Room, and Patients' Waiting Hall.

10. ORTHOPÆDIC DEPARTMENT.

The Orthopædic Department consists of eight rooms, viz. a Consulting Room, Exercise Room, Operation Theatre, Instrument Room, Plaster Room, Dressing Room, Dressers' Room, and Waiting Hall for patients.

11. DEPARTMENT FOR DISEASES OF THE SKIN.

This includes a Consulting Room, Clinical Clerks' Rooms, an Assistants' Room, X-ray and Treatment Room, and Waiting Hall for patients.

12. ELECTRICAL AND X-RAY DEPARTMENTS.

These Departments contain a Consulting Room, two Treatment Rooms, a Switch Room, Bathroom with four Electrical baths, two X-ray Rooms, Photographic Dark Room, and a Waiting Hall.

13. DENTAL DEPARTMENT.

This Department contains a Dental Surgery Room for operations, a Gas Room, Preparation and Recovery Rooms, and Waiting Hall.

14. THE DISPENSARY.

The Dispensary is on the ground floor of the new block and is easy of access both from the Wards and the new Out-patient Departments.

15. CASUALTY WARDS.

These are on the first floor and are for the temporary reception of cases of a doubtful nature.

16. CLINICAL LECTURE THEATRE.

This Theatre has been constructed and equipped exclusively for Clinical Lectures in Medicine, Surgery, and Special Subjects.

17. CHEMICAL LABORATORY.

Over the Dispensary is the Chemical Laboratory, which is approached by a separate staircase from the Medical School Buildings. Besides a large general laboratory, it includes a special room for practical instruction in Public Health, with a Balance Room and Lecturer's Room.

THE PATHOLOGICAL DEPARTMENT.

The Governors of the Hospital, recognising the growing importance of Pathological knowledge and research in the treatment of the Hospital patients as well as in the education of the Students, determined on the erection of a special building, which has been planned not only to meet present pathological needs but to allow also for the expansion which must inevitably come in the future. The new Department was erected at a cost of about £30,000, and has been equipped with all the most modern and improved appliances.

The **Ground Floor** is devoted to Administrative offices for the Medical School and to a Common Room for the Medical and Surgical Staff.

On the second, third, and fourth floors are located the various Laboratories required for the Pathological work of the Hospital and Medical School.

On the **First Floor** are located the **Laboratory for Clinical Pathology**, where routine examination of material from the Wards is carried on by the Pathological Clerks; the **Laboratories for the Professor, Lecturers and Demonstrators,** as well as Incubator and Sterilising Rooms.

On the **Second Floor** there are situated the **Laboratory for Research**, and the **Bacteriological Laboratory,** named the **Alfred Boyd Memorial Laboratory,** designed especially for Bacteriological teaching and research, as well as **Research Laboratories** for the Bacteriologist and Junior Demonstrators.

The **Third Floor** is devoted to a **Laboratory for Chemical Pathology**, named the **Kingdon Memorial Laboratory**, where the chemical examination of morbid products is conducted. Here also the Practical Classes in the Chemical part of Pathology are held. Adjacent to the Laboratory are smaller Spectroscope and Balance Rooms, &c. On this floor also there is the **Kanthack Pathological Library.**

On the **Fourth Floor** there is the **Post-mortem Room,** with a **Laboratory for Morbid Anatomy** and a **Research Laboratory for Pharmacology.**

ENTRANCE TO THE MEDICAL PROFESSION.

IT may be helpful to indicate briefly the methods of entrance into the Medical Profession for the guidance of parents, guardians, and tutors of prospective students.

The Medical Curriculum occupies a minimum period of five years.

To become a student of Medicine it is necessary that a Preliminary Examination, embracing the following subjects, should have been passed:

English.
Latin.*
Mathematics.
One optional subject—Greek or French or German, or one other modern language.

It is advisable for a student to pass a Preliminary Examination in Arts at the earliest possible date, because the requisite five years of professional study cannot be commenced until such examination is passed.

The chief examinations which fulfil the above requirements of the General Medical Council are the following:

University of London; Matriculation.*
University of Oxford; Responsions, Moderations or Local Examinations.
University of Cambridge; Previous or Local Examinations.
College of Preceptors; Examination for a First-class Certificate, or the Preliminary Examination for Medical Students.

The possession of a degree of M.D. contributes so materially to a successful medical career that if a student intends to pursue the whole of his professional curriculum in London he is strongly advised to become an Internal Student of the University of London on his entry to the Medical School of St. Bartholomew's Hospital, which is a constituent College of that University.

This can be done (*a*) by passing the Matriculation Examination of the University; or (*b*) by obtaining exemption from Matriculation by having passed in the required subjects the Senior Local Examination of the University of Oxford or of Cambridge, or by having obtained in the required subjects the Higher Certificate of the Oxford and Cambridge Schools Examination Board. These Local Examinations are within the reach of any well-educated student without further preparation than he can obtain in a good school.

* *Latin is not compulsory in the case of Students who pass the Matriculation Examination of the University of London.*

If the student intends to graduate in Medicine at the University of Oxford or the University of Cambridge, he will pass the early part of his professional curriculum in one of these Universities, and then proceed to London for his final years of clinical study.

The Conjoint Board of the Royal College of Physicians of London and the Royal College of Surgeons of England grants the diplomas of L.R.C.P. and M.R.C.S., and study for the requisite examinations is best pursued in the Metropolis.

In order to enter St. Bartholomew's and to pursue the curriculum for these Diplomas, it is sufficient to have passed any one of the recognised Preliminary Examinations, such as that of the College of Preceptors.

Therefore, before actually entering for the Preliminary Examination a student should be carefully advised as to what degree or diplomas he eventually desires to obtain.

A student intending to study at St. Bartholomew's can "enter" at any time, but the most favourable times are at the beginning of the recognised Medical Sessions, in April or October. In order to "enter" at St. Bartholomew's, it is necessary for the student to call upon the Dean of the Medical School, bringing with him a certificate of having passed a recognised Preliminary Examination, and a certificate showing that he has attained the age of 16 years. He can then pay the entrance fee (see page 66) and sign the Register of Students, promising to conform to the Rules and Regulations of the Hospital and Medical School, and receive the certificate of having commenced Medical study, required for Registration by the General Medical Council.

A student who has passed a Preliminary Examination several months before the beginning of a regular Medical Session, and wishes to commence the requisite five years of study, is advised to enter at once, to register, and to occupy his time in the study of Chemistry and Physics, or Biology, preparatory to the commencement of the work of the next session.

Students joining in April are eligible to compete for the Entrance Scholarships in the following September.

For further information regarding the *Hospital Medical School* Curriculum with respect to the Regulations of the above or other Examining Boards, or in regard to registration, or for advice regarding the selection of a Preliminary Examination, application should be made to—

The Dean of the Medical School,

ST. BARTHOLOMEW'S HOSPITAL,

Smithfield, London, E.C. 1.

SUGGESTIONS IN REGARD TO THE COURSE OF MEDICAL STUDY.

A. COURSE OF STUDY FOR THE CONJOINT DIPLOMAS OF L.R.C.P. AND M.R.C.S.

In the case of A STUDENT WHO ENTERS IN OCTOBER, the following course of study is advised:

FIRST WINTER SESSION.

Lectures on Biology. Practical Biology.
Lectures on Physics. Practical Physics.
Lectures on Chemistry. Practical Chemistry.

FIRST SUMMER SESSION.

Lectures on Chemistry. Practical Chemistry.
Lectures on Physics. Practical Physics.
Lectures on Histology. Practical Histology.

Pass Part III (Biology) in March, Part I (Chemistry), and Part II (Physics) of the First Examination of the Conjoint Board in July.

SECOND WINTER SESSION.

Lectures on Anatomy. Practical Anatomy.
Lectures on Physiology. Practical Physiology.

SECOND SUMMER SESSION.

Classes in Anatomy and Physiology. Practical Anatomy.
Practical Physiology. Practical Pharmacy.

Pass Part IV (Pharmacy) if not previously passed.*

THIRD WINTER SESSION.

Lectures on Anatomy. Practical Anatomy.
Lectures on Physiology. Practical Physiology.
Lectures on Pharmacology.

Pass Second Examination (Anatomy and Physiology) of the Conjoint Board.

N.B.—The Third Conjoint Examination cannot be passed until two years after passing the Second Examination; hence it is important for a Student to pass the Second Examination at the earliest possible date. After passing it he should register his name with the School Registrar for the several Clinical appointments.

THIRD SUMMER SESSION.

Lectures on Therapeutics. Hospital Practice.
Lectures on Forensic Medicine. Surgical Dressing or Medical Clerking.
Lectures on Clinical Applied Anatomy. Clinical Lectures.

FOURTH WINTER SESSION.

Lectures on Surgery. Clerking or Dressing in Wards and Out-patient rooms (three months each).
Lectures on Pathology. Pathological Clerk (three months).
Demonstrations of Medical and Surgical Morbid Anatomy. Microscopic Pathology.
Clinical Lectures.
Hospital Practice.

FOURTH SUMMER SESSION.

Lectures on Midwifery. Hospital Practice.
Lectures on Public Health. Further Clerking and Dressing in Wards, Out-patient rooms, or Special Departments.
Lectures on Insanity.
Lectures on Ophthalmic Surgery. Maternity Cases and Post-mortem Clerk.
Clinical Lectures.

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* As a rule a Student should take up the work for the Pharmacy part of the First Examination of the Conjoint Board in his Second Summer Session or later.

FIFTH WINTER SESSION.

Lectures on Medicine.	Hospital Practice.
Lectures on Midwifery.	Dresser in Gynæcological and Ophthalmic Wards, Throat, Ear, and other special Departments or Maternity Cases if not already finished.
Lectures on Diseases of Women.	
Clinical Lectures.	Attendance at a Fever Hospital.
	Vaccination.
	Operative Surgery.

FIFTH SUMMER SESSION.

Clinical Lectures.	Hospital Practice.
Lectures on Special Subjects.	Attendance at a Lunatic Asylum.
Demonstrations on Anæsthetics.	Tutorial Classes in the Subjects of the Final Examination.

Pass Third or Final Examination in Medicine, Surgery and Midwifery, taken together or separately.

STUDENTS WHO ENTER IN APRIL.

A Student who has passed a Preliminary Examination in Arts early in the year is advised to enter in April. Students who enter in April have the advantage of studying Chemistry and Physics, and passing the examination in these subjects (if sufficiently prepared) before commencing the study of Biology and Anatomy. They can also compete for the Entrance Scholarships in the following September. Such Students should pursue the following course of study:

FIRST SUMMER SESSION.

Lectures on Chemistry.	Practical Chemistry.
Lectures on Physics.	Practical Physics.
	Practical Pharmacy.

Pass the Conjoint Examinations in these subjects in July (if sufficiently prepared).

FIRST WINTER SESSION.

Lectures on Anatomy.	Practical Anatomy.
Lectures on Biology.	Practical Biology.
Lectures on Physics.	Practical Physics.
Lectures on Chemistry.	Practical Chemistry (if not already passed).

Pass the Conjoint Examinations in Biology, Chemistry, and Physics in March.

SECOND SUMMER SESSION.

Lectures on Anatomy.	Practical Anatomy.
	Practical Pharmacy.
Lectures on Histology.	Practical Histology.

Pass Chemistry and Physics, Biology, or Pharmacy if not already passed.

SECOND WINTER SESSION.

During this Session the Student can then attend the Lectures and Classes in Anatomy and Physiology, and proceed as though he had entered in October.

B. COURSE OF STUDY FOR THE DEGREES OF THE UNIVERSITY OF LONDON.

In the case of students seeking degrees in the University of London, the whole of the first year should be devoted to the study of Biology, Chemistry and Physics in preparation for the first Examination for Medical Degrees. The Student should join the Special Classes provided to prepare him for this examination (*see* page 28). Students having taken this course are still eligible to compete for the Entrance Scholarships, and after passing the first Examination for Medical Degrees they should enter as full students and begin the study of Organic Chemistry, Anatomy and Physiology and Pharmacology, and should take the advanced classes in Anatomy and Physiology and attend in the Dissecting Room and Physiological Laboratory until they have become eligible for Clinical appointments by passing their second examination.

C. COURSE OF STUDY FOR THE DEGREES OF THE UNIVERSITIES OF OXFORD AND CAMBRIDGE.

Students who have taken part of the Medical Course at Oxford or Cambridge enter the hospital immediately after completing their Anatomical and Physiological Examinations (1st M.B. Oxon., or 2nd M.B.Cantab.), and special arrangements are made by which Students can hold the necessary appointments of Surgical Dresser or Medical Ward Clerk immediately after their entrance. Special Classes in Pharmacology and Pathology are held twice annually. Students from Oxford and Cambridge who have not yet completed their Anatomical and Physiological studies are advised to take the advanced classes in Anatomy and Physiology and attend in the Dissecting Room and Physiological Laboratory until they become eligible for Clinical appointments by passing their intermediate examinations.

For Time Tables of Lectures and Demonstrations, see pages 30, 36 and 65.

SCHOLARSHIPS, EXHIBITIONS, AND FOUNDATION PRIZES.

OPEN TO COMPETITION BEFORE ENTRANCE.

Science.

1. SCIENCE: In not more than three nor fewer than two of the following: Chemistry, Physics, Zoology, Botany, Physiology, Anatomy.
   One Scholarship, value £75.
   Examiners: Lecturers on the subjects named.
   Conditions: Candidates must be under 25 years of age, and must not have entered to the Medical or Surgical Practice of any London Medical School. The successful Candidate will be required to enter to the full course at St. Bartholomew's Hospital in the October succeeding the Examination or as a University Student if he has passed an Examination completing his anatomical and physiological studies at a University of the United Kingdom.
   Founders: The School.

2. SCIENCE: In not fewer than three of the following: Chemistry, Physics, Botany, Zoology, Physiology.
   Value, £100.
   Examiners: Lecturers on the subjects named.
   Conditions: Candidates must be under 21 years of age, and must not have entered to the Medical or Surgical Practice of any London Medical School. The successful Candidate will be required to enter to the full course at St. Bartholomew's Hospital in the October succeeding the Examination.
   Founders: The School.

General Education.

3. ENTRANCE SCHOLARSHIP IN ARTS: In Latin, Elementary Mathematics, and Greek, or French or German. The examination in these subjects will be similar to that adopted at the London University Matriculation Examination. Value £100.
   Examiners: Dr. Thursfield, in Latin and Greek; Dr. Fletcher, in French; Sir F. W. Andrewes, in German; Mr. F. Womack B.Sc., M.B.(Lond.), in Mathematics.
   Conditions: Candidates must not have entered to the Medical or Surgical Practice of any London Medical School. The successful candidate will be required to enter to the full course at St. Bartholomew's Hospital in the October succeeding the Examinations.
   Founders: The School.

4. JEAFFRESON EXHIBITION: In the same subjects and under the same conditions as (3). Value £50.
   Founders: The friends of the late Dr. Jeaffreson, Physician to St. Bartholomew's Hospital (1854–67).

The examination for the above Scholarships (1, 2, 3, 4) *begins in* 1921 *on September* 19*th and in* 1922 *on September* 18*th.*

5. SHUTER SCHOLARSHIP: In Anatomy and Physiology. As scheduled for the Cambridge Second M.B. Examination. Value, £50. Elementary medical subjects.
   Examiners: Lecturers on Anatomy and Physiology.
   Conditions: Candidates must be Graduates in Arts of the University of Cambridge who have not graduated in Medicine or Surgery. The successful candidate will be required to enter to the full course, or as a University Student, at St. Bartholomew's Hospital.
   Founder: The sister of the late James Shuter, M.B., LL.B., of Corpus Christi College, Cambridge, Assistant-Surgeon to the Hospital (in 1886).
   Dates of Examination in 1922, *June 26th and 27th.*

OPEN TO COMPETITION AFTER ENTRANCE.

6. JUNIOR SCHOLARSHIP: In Anatomy and Physiology. First year. Elementary medical subjects.
   Value, £30.
   Examiners: Lecturers on Anatomy and Physiology.
   Conditions: Candidates must be full Students, not previously entered at any Metropolitan Medical School who have *completed* not more than one Winter and one Summer Session in the study of Anatomy and Physiology at this Hospital, or at any other Medical School.
   Founders: The School.

7. JUNIOR SCHOLARSHIP: In Anatomy and Physiology.
   Value, £20.
   Examiners: Lectures on Anatomy and Physiology.
   Conditions: As for No. 6.
   Founders: The School.

8. JUNIOR SCHOLARSHIP: In Chemistry, Physics, and Biology.
   Value, £25.
   Examiners: Lecturers on Chemistry, Physics, and Biology.
   Conditions: Candidates must be full Students, not previously entered at any Metropolitan Medical School, who have *completed* not more than one Winter and one Summer Session at this or any other Medical School.
   Founders: The School.

9. JUNIOR SCHOLARSHIP: In Chemistry, Physics, and Biology.
   Value, £15.
   Examiners: Lecturers on Chemistry, Physics, and Biology.
   Conditions: As for No. 8.
   Founders: The School.

10. TREASURER'S PRIZE: In Practical Anatomy.
   Value £5.
   Examiners: The Lecturer on and Demonstrators of Anatomy.
   Conditions: Candidates must be full Students who have not *completed* more than one Winter Session in the study of Anatomy at this or any other Medical School.
   Donor: The Treasurer of the Hospital.

11. SENIOR SCHOLARSHIP: In Anatomy, Physiology, and Chemistry. Second year. Elementary medical subjects.
   Value, £50.
   Examiners: Lecturers on Anatomy, Physiology, and Chemistry.
   Conditions: Candidates must be students who have been studying in this Hospital and School for not less than twelve

months, nor more than three years—who are not of sufficient standing to obtain any English Diploma qualifying for practice—who have entered to the Medical and Surgical Practice of the Hospital—who have attended, for at least one Session, the Course or Courses of Lectures delivered in this College on the subjects of examination for the Scholarship to be competed for—and who can produce a Testimonial, signed by at least three Medical Officers or Lecturers, that they have conducted themselves with propriety during their attendance in the School.

A Student elected to the Senior Scholarship will be required to continue his Studies at this Hospital for the whole period during which he holds the Scholarship.

Founders: The School.

12. FOSTER PRIZE: In Practical Anatomy.

Value, about £5.

Examiners: The Lecturer on and Demonstrators of Anatomy.

Conditions: Candidates to be full Students who have not completed more than two Winter Sessions in the study of Anatomy at this or any other Medical School.

Founder: George Holgate Foster, Esq., a Governor of St. Bartholomew's Hospital (in 1852).

13. HARVEY PRIZE: In Practical Physiology.

Value, about £6 6*s*.

Examiners: Lecturer on Physiology, Demonstrators of Physiology, and Lecturer on Chemistry.

Conditions: Candidates to be Students who have not completed more than two Winter Sessions in the study of Physiology at this or any other Medical School.

Founders: The School (in 1880), in memory of Dr. William Harvey, Physician to the Hospital, the discoverer of the circulation of the blood.

General learning.

14. WIX PRIZE:

Value, about £5.

Examiners: The Senior Physician and Senior Surgeon, and the Hospitaller.

Conditions: Candidates must be Students of not less than one nor more than three years' standing in the School, who have not received any Licence or Diploma qualifying them for practice. Subject 1922, "Life and Works of Thomas Sydenham."

Essays must be presented to the Dean of the Medical School on or before March 31*st*, 1922.

Each Essay is to be distinguished by a motto, which is to be written also on the outside of a sealed envelope, within which is the author's name.

Founder: The late Rev. Samuel Wix, Hospitaller, in 1842.

15. HICHENS PRIZE: In Butler's "Analogy."

Value, about £6.

Examiners: The Hospitaller and the Warden.

Conditions: As for the Wix Prize.

Founder: (in 1851) The late Robert Hichens, Esq., a Governor of St. Bartholomew's Hospital.

16. KIRKES SCHOLARSHIP AND GOLD MEDAL : In Clinical Medicine. Third year or later: Medicine.
Value, about £30 and medal.
Examiners : Two of the Physicians to the Hospital.
Conditions : Candidates must be Full Students of the Hospital, who have not completed more than two years after the date of their first Clinical Appointment at this or any other Hospital and have not obtained a diploma qualifying for practice.
Founders (1864 and 1885) : The widow and friends of the late Dr. Kirkes, Physician to the Hospital.

17. BENTLEY PRIZE : Medical and surgical, in alternate years. For Reports of Cases from the Wards of the Hospital during the preceding year with comments thereon. Medicine or Surgery.
1922 : "Surgical Cases." 1923 : "Medical Cases."
Value, about £5 5*s*.
Examiners : The five Physicians or five Surgeons.
Conditions : As for the Kirkes Scholarship. Each Report to be distinguished by a motto as for the Wix Prize.
Founder (in 1842) : The late Mr. James Bentley, Treasurer of the Hospital.

18. BRACKENBURY SCHOLARSHIP : In Medicine. Medicine.
Value, about £39.
Examiners : Two of the Physicians and the Lecturer on Pathology.
Conditions : Candidates must be Full Students of the Hospital, who have not completed more than three years after the date of their first Clinical Appointment at this or any other Hospital and may not have held a diploma qualifying for practice longer than six months. The Examination will be both written and clinical, and will include a paper and practical work in Pathology.
Founder (in 1873) : Miss Hannah Brackenbury.

19. BRACKENBURY SCHOLARSHIP : In Surgery. Surgery.
Value, about £39.
Examiners : Two of the Surgeons, the Demonstrators of Operative Surgery, the Lecturer on Pathology, and the Demonstrator of Morbid Anatomy (Surgical).
Conditions : as for 18.
Founder (in 1873) : Miss Hannah Brackenbury.

Candidates for the office of House Physician or House Surgeon are advised to compete for the Brackenbury Scholarships.

20. MATTHEWS DUNCAN GOLD MEDAL AND TWO PRIZES : In Obstetric Medicine. Midwifery.
Value (including the medal), about £20.
Examiners : The Physician-Accoucheur and the Physician-Accoucheur with Charge of Out-Patients.
Conditions : As for the Brackenbury Scholarships.
Founders : By Subscription, in memory of Dr. Matthews Duncan, Physician-Accoucheur to the Hospital, 1877–1890.

21. SIR GEORGE BURROWS PRIZE : In Pathology. Pathology.
Value, about £10 10*s*.
Examiners : Lecturer on Pathology, Demonstrators of Morbid Anatomy (Medical and Surgical).

Conditions: Candidates shall have been Post-mortem Clerks and Clinical Clerks or Dressers, and shall be of the same standing as for the Brackenbury Scholarships.

Founder (in 1888): Sir F. A. Burrows, Bart., in memory of his father, Sir George Burrows, Bart., Physician to the Hospital, 1841–1864.

Regional and Morbid Anatomy.

22. SKYNNER PRIZE: In Regional and Morbid Anatomy, including their reference to Scarlet Fever and Rheumatic Fever.

Value, about £13 13*s*.

Examiners: The Senior Physician and Lecturer on Pathology.

Conditions: As for the Brackenbury Scholarships.

Founder (in 1879): J. Skynner, in memory of his brother, R. C. Skynner, a former student.

Operative Surgery.

23. WILLETT MEDAL: In Operative Surgery.

Value £3 3*s*.

Examiners: Demonstrators of Operative Surgery.

Conditions: As for the Brackenbury Scholarships. The examination is held at the same time as that for the Brackenbury Surgical Scholarship.

Founders (in 1904): Subscribers to Alfred Willett Testimonial Fund.

Surgical Pathology.

24. WALSHAM PRIZE: In Surgical Pathology.

Value, about £7 7*s*.

Examiners: Lecturer on Pathology and Demonstrator of Morbid Anatomy (Surgical).

Conditions: As for the Brackenbury Scholarships. The examination is held at the same time as that for the Brackenbury Surgical Scholarship.

Founder (in 1904): Lady Tuck, in memory of W. J. Walsham, Surgeon to the Hospital, 1898–1903.

Surgery.

25. LUTHER HOLDEN SCHOLARSHIP: In Surgery.

Value, about £105.

Founder: The late Luther Holden, Surgeon to the Hospital, 1865–1879.

Pathology.

26. LAWRENCE RESEARCH SCHOLARSHIP AND GOLD MEDAL: In Pathology.

Value £115, including the Medal.

Founders (in 1873 and 1911): The children of the late Sir William Lawrence, Bart., Surgeon to the Hospital, 1824–1865.

These Scholarships (6 to 26), with the exception of 14 and 15, are open only to Candidates who have completed a course of instruction in the subjects of the respective examinations at St. Bartholomew's Hospital Medical School. No Candidate may obtain the same Scholarship or Prize, with the exception of the Luther Holden and the Lawrence Scholarships, on more than one occasion.

In case of doubt as to standing for any of the above, application is to be made by letter to the Dean of the School, and the point will be decided by the Committee of the School.

A Student may only gain one of the Brackenbury Scholarships (18 and 19) in the same year; and the Luther Holden and Lawrence Scholarships may not be held concurrently.

THE COLLEGE.

LIST OF WARDENS.

James Paget	1843	James Calvert, M.D.(Lond.)	1898
Patrick Black, M.D.(Oxon.)	1851	William Douglas Harmer, M.Ch. (Cantab.)	1903
Robert Martin, M.D.(Cantab.)	1856	George Ernest Gask	1906
James Andrew, M.D.(Oxon.)	1861	R. B. Etherington Smith, M.B. (Cantab.)	1909
Alfred Willett	1865	W. Girling Ball	1913
William Morrant Baker	1867	R. M. Vick, M.Ch.(Cantab.)	1920
Norman Moore, M.D.(Cantab)	1874		
Thomas William Shore, M.D.(Lond.)	1891		

Students attending the Practice of the Hospital, or the Lectures in the Medical School, will be admitted to Residence in the College on the recommendation of a Medical Officer of the Hospital. Students commencing their attendance at the Hospital or College may obtain such recommendations on adducing satisfactory evidence of good moral character.

Each Student shall pay an Entrance Fee of Two Guineas, and subscribe his readiness to submit to all the Regulations of the College and of the Hospital.

Each Student is required before admission to deposit a further sum of Three Guineas, which will be returned to him on his leaving the College ; should, however, the furniture of his rooms during his occupancy have sustained any wilful damage, the whole or part of the said Deposit will be devoted to the necessary repairs.

Other particulars regarding the Rules for admission and the terms of Board and Residence can be obtained from the Warden.

It is part of the duty of the Warden to direct particularly the studies of the Resident Students ; but it is recommended that in questions relating to their education all Students should seek his advice.

The Warden will be glad to furnish a list of gentlemen connected with the Hospital who receive Students to board in their houses, or to advise Students respecting suitable lodgings outside the Hospital.

LIBRARY.

The Library contains all the Standard Works on Medicine, Surgery, and the Allied Sciences, with duplicate copies of Books in most general use, the chief Medical and other Periodicals, and a valuable collection of Works on Religion, History, and General Literature.

The Library is open for the use of the Students every day, under the following regulations :

1. The Library is free to all Students of the Hospital.
2. The Library is open every day from 9 A.M. to 5 P.M. (Saturdays until 2 P.M. only), except for one week of the Christmas Vacation, and for one month during the Long Vacation.
3. Books may not be removed from the Library.
4. A Reader wishing for a book must give the Librarian a ticket, and shall be held responsible as long as the ticket remains in the Librarian's possession. All books are to be brought to the Librarian's desk when done with.
5. The Library is a place of study only, and conversation is not allowed.

MUSEUM.

Curator—T. H. G. SHORE, M.D.(Cantab.), M.R.C.P.

THE MUSEUM, which contains upwards of 9400 specimens arranged into sections for convenience of reference and study, is open daily to students from 9 to 5 during sessions, and from 9 to 4 during vacations. It comprises carefully selected specimens illustrative of Human Anatomy, of Pathological Anatomy, of Comparative Anatomy, with numerous Casts, Drawings, Diagrams, Microscopical Specimens, &c.

The Museum of HUMAN ANATOMY includes a large number of elaborate dissections of the chief regions of the body arranged in cases in the galleries of the Anatomical Department, which may with advantage be studied by students of the first and second years when not employed in the Dissecting Room.

The PATHOLOGICAL MUSEUM is one of the most complete and contains as large a number of specimens as any museum in London. It comprises over 6000 specimens, arranged into 57 series, illustrating all the most important of the diseases and injuries of the different parts and organs of the body. There are also numerous Models and Casts, and specimens of the chief modern surgical instruments are displayed, so as to be easily studied.

The COLLECTION OF DRAWINGS consists of a large number of diagrams and of drawings in oil and water colours, showing all the important morbid conditions. They are preserved in cases and drawers, and are easily accessible for purposes of study.

THE MICROSCOPICAL SPECIMENS are arranged in two series. (*a*) A Students' Cabinet of typical specimens illustrating medical and surgical pathological histology, accessible at all times to students bringing their own miscroscopes; (*b*) the Histological Records of the preparations in the Museum, each of which, where possible, is illustrated by a microscopic slide. The latter series is accessible to Students on application to the Curator.

Students are advised to use some standard work on Pathology when studying the specimens, and to work through the collection some little time before the final examinations.

The Museum of COMPARATIVE ANATOMY consists of specimens illustrative of Comparative Osteology and of dissections of the chief types of Vertebrata and Invertebrata.

The CATALOGUE of the Museum consists of two large octavo volumes in which full descriptions of the specimens are given, and several copies of the catalogue of the various departments of the Museum, in which all the Addenda are incorporated in order, have been provided and placed in the Museum, bound up in sections for the use of Students.

LECTURES AND PRACTICAL CLASSES IN PRELIMINARY SCIENCES.

DEPARTMENT OF CHEMISTRY.

Lecturer on Chemistry - W. H. HURTLEY, D.Sc.(Lond.).
Demonstrator - - - J. H. JOHNSTON, M.Sc., F.I.C.

COURSES OF INSTRUCTION.

1. LECTURES IN INORGANIC CHEMISTRY.

These Lectures deal with the Laws and Conditions of Chemical Action and the Preparation, Properties and Classification of the Commoner Elements and their compounds. Special attention is paid to substances which are applied in Medicine, and the Lectures are fully illustrated by experiments.

October to July—Tuesday and Thursday at 10 A.M.

The above Lectures are designed to meet the requirements of Students beginning the Study of Chemistry, including those preparing for the Examinations of the Conjoint Board, the First Examination for Medical Degrees, and Intermediate Science Examination of the University of London, the First M.B. of Cambridge and First M.B. of Durham.

2. LECTURES ON ORGANIC CHEMISTRY.

A general course of Organic Chemistry, including the consideration of compounds of importance in the study of Medicine. The Lectures meet the requirements of the University of London, Second Examination for Medical Degrees, Part I, and the First M.B. of the Universities of Oxford and Cambridge.

October to March—Monday at 12 noon ; Wednesday at 9.30 A.M. ; Saturday at 9.30 A.M.

3. LECTURES ON ORGANIC CHEMISTRY.

An Elementary course adapted to the requirements of Conjoint Board Students, and those who pass the First Examination for Medical Degrees of London University in December.

April to July—Wednesday and Friday at 9.30 A.M.

4. PRACTICAL CHEMISTRY.

1. *Elementary Class.*—The work in this Class is designed to prepare Students for the requirements of the Conjoint Board.

October to July—Monday 11–1 P.M. ; Tuesday 11–1 P.M. ; Thursday 11–1 P.M.

2. *Practical Organic Chemistry.*—In this Class instruction is given in the Methods of Organic Analysis, and Typical Examples of all Important Classes of Organic Compounds are prepared by the Students. The instruction meets the requirements of the recently revised regulations of the University of London, Second Examination for Medical Degrees, Part I, and the first M.B. of Oxford and Cambridge.

October to July—Monday 3 to 5 P.M. ; Saturday 10.30 to 12.30 A.M.

3. *Preliminary Scientific Class.*—For information concerning this class, see p. 28.

4. *D.P.H. Class.*—For particulars see p. 62.

Special arrangements will be made for Students desiring to take Chemistry at the B.Sc. Examinations of the University of London.

DEPARTMENT OF PHYSICS.

Lecturer on Physics - F. WOMACK, M.B.(Lond.), B.Sc.

Demonstrator - - F. LL. HOPWOOD, D.Sc.(Lond.).

COURSES OF INSTRUCTION.

1. LECTURES ON ELEMENTARY PHYSICS.

The course of lectures covers the ground of the syllabus required by the regulations of the First Examination of the Conjoint Board.

October to July—Tuesday 3 P.M., Friday 2 P.M.

2. LECTURES ON PHYSICS.

A course of general Physics is given, including heat, light, sound, electricity and magnetism as required for the First Examination for Medical Degrees of the University of London, or the 1st M.B. Cambridge or Durham.

October to July— Wednesday and Friday at 10.30 A.M.

3. PRACTICAL PHYSICS.

1. *Elementary Class.*—This class for the Conjoint Board includes elementary qualitative and quantitative experiments.

October to July—Friday 3-5 P.M.

2. *Preliminary Scientific Class.*—For information concerning the Preliminary Scientific Class, see p. 28.

October to July—Wednesday 11.30 to 1 ; Friday 11.30 to 1.

3. *D.P.H. Class.*—For particulars see p. 62.

DEPARTMENT OF BIOLOGY AND COMPARATIVE ANATOMY.

Lecturer on Biology and Comparative Anatomy:
T. W. SHORE, O.B.E., M.D., B.Sc.(Lond.).

Demonstrator - W. A. CUNNINGTON, D.Sc.(Lond)., M.A.(Cantab.), Ph.D.(Jena).

COURSES OF INSTRUCTION.

1. LECTURES ON COMPARATIVE ANATOMY.

These Lectures will include a consideration of the general characteristics of Vertebrated Animals as illustrated by selected types and with special reference to the elucidation of points in Human Anatomy.

April to July—Tuesday and Thursday at 2 P.M.

2. PRACTICAL EMBRYOLOGY (HUMAN AND COMPARATIVE).

Courses of instruction in practical Embryology intended for those working for Higher Examinations (Primary F.R.C.S., &c.) are given during the Winter and Summer Sessions by the Lecturer on Comparative Anatomy and Biology.

3. LECTURES ON BIOLOGY.

These Lectures include the consideration of the Elementary principles of Biology, and are adapted to the requirements of Students working for the Diplomas of the Conjoint Board.

October to March—Tuesday and Thursday at 2 P.M.

4. PRACTICAL BIOLOGY.

Students are arranged in Classes and dissect and microscopically examine, under the direction of the Demonstrator, the more important of the types of animal and vegetable life. This practical work is carried on in the Biological Laboratory, which is open daily for the use of Students in other than class hours.

October to March—Wednesday and Friday at 11 A.M.

5. PRELIMINARY SCIENTIFIC CLASS.

Special Classes in Animal and Vegetable Biology for the First Examination for Medical Degrees of the University of London are described at pp. 28–29.

6. TUTORIAL CLASSES.

Revision Classes are held from time to time, to prepare for the various Examinations as well as regular Test Examinations both written and oral.

UNIVERSITY OF LONDON. PRELIMINARY SCIENTIFIC CLASS.

The instruction given in this department has been designed to meet the requirements of the regulations of the University of London, and comprises full and systematic courses of instruction in Biology (Zoology and Botany), Chemistry, and Physics. The course given in each subject includes practical laboratory work as well as lectures, and each Student receives individual attention. The course meets the requirements of Students working for the First Examination for Medical Degrees both as Internal and External Students; and is suitable also for those preparing for the First M.B. of Cambridge and of Durham Universities. The work begins in October and continues till July, written and practical examinations being regularly held to test the Students' progress.

Students who matriculate in June or September should give a whole academical year to the First Examination by joining in October, and presenting themselves for examination in the following July. Those who matriculate in January should enter immediately afterwards, and may either complete the First Examination by the following December or may devote longer time to the work and take the Examination in the July of the following year. Special arrangements are made for those who wish to enter for examination in December.

ANIMAL BIOLOGY.

By THOMAS W. SHORE, M.D., B.Sc.

The Lectures will include a consideration of the fundamental facts and laws of Biology, as exhibited by the general structure and physiology of selected types, as well as the following topics: (1) the chief Biological Laws which the structural phenomena illustrate; (2) the phenomena of Sexual and Asexual Reproduction, of Parthenogenesis, Heredity, and Variation; (3) the structures and properties of the Cell, and the general characters of the Tissues; (4) the Segmentation of the Ovum in *Amphioxus*, the Frog, Fowl, and Rabbit; the metamorphosis of the Frog; and the Development of the Fowl as far as the fourth day of incubation; (5) the phenomena of parasitism.

VEGETABLE BIOLOGY.

By T. W. SHORE, M.D., B.Sc.

The elements of the Morphology and Physiology of the Flowering Plant. The leading modifications in the structural plan of the Flower. The leading types of Fruits. The modes of dispersal of Seeds.

The structure and properties of the Cell; Cell-formation. The anatomy of Foliar Organs, Stems, and Roots; the histology, functions, and development of the Tissues.

The minute structure and the development of the reproductive organs. The phenomena of Pollination and Fertilisation; the development of the Embryo; the formation, structure, and germination of the Seed.

The life-history of a Fern, *Spirogyra*, *Protococcus*, *Mucor*, *Pythium*, *Saccharomyces* and Bacilli.

PRACTICAL BIOLOGY.

The types of Animal and Vegetable Life dealt with in the lectures are dissected and examined, microscopically and otherwise, by each Student.

The animals and plants are provided free of cost, but Students have to provide their own apparatus.

The Laboratory is also open for work in other than class hours.

CHEMISTRY.

By W. H. HURTLEY, D.Sc.

A course of Lectures on Inorganic Chemistry will be given during the Winter and Summer Sessions. These Lectures will be delivered on Tuesdays and Thursdays at 10 A.M. A third Lecture will be given on Mondays at 10 A.M., which from October to December is to be attended by Students for the December Examination only, and from January to July by Students for the July Examination. The Lectures are also suitable for Students taking the first M.B. Examination of the Universities of Cambridge and Durham.

PRACTICAL CHEMISTRY.

A complete course of practical instruction in Inorganic Chemistry is given during the Winter and Summer Sessions.

The course includes all that is required by the regulations of the University of London for the First Examination for Medical Degrees and for the Intermediate Science Examination.

The instruction is also suitable for Students taking the first M.B. of the Universities of Cambridge and Durham.

In the Laboratory each student works as far as possible independently.

PHYSICS.

By F. WOMACK, M.B., B.Sc.

A complete course of Lectures and practical work is given throughout the Session covering the curriculum for Internal Students of the University taking the First Examination for Medical Degrees or Intermediate Science Examination.

PRACTICAL PHYSICS.

Simple quantitative experiments in all branches of Physics are performed, involving the employment of all types of Physical Apparatus. The Course is designed to cover all the requirements of the First Examination for Medical Degrees and Intermediate Science Examination of the University of London and First M.B. of Cambridge or Durham.

TIME TABLE OF LECTURES AND LABORATORY WORK IN PRELIMINARY SCIENCE SUBJECTS.

UNIVERSITY STUDENTS.

	M.	T.	W.	Th.	F.	S.
Chemistry	10	10		10		
Practical Chemistry	11–1	11–1		11–1		
Biology	2	2		2		10.30
Practical Biology	3–5	3–5		3–5		
Physics			10.30		10.30	
Practical Physics			11.30-1		11.30-1	

CONJOINT BOARD DIPLOMA STUDENTS.

	M.	T.	W.	Th.	F.	S.
Biology		2		2		
Practical Biology			11–1		11–1	
Chemistry		10	9.30*	10	9.30*	
Practical Chemistry	11–1	11–1		11–1		
Physics		3			2	
Practical Physics					3–5	

* Summer Session only.

For particulars of the Course of Organic Chemistry in preparation for the Second Examination for Medical Degrees, Part I, of the University of London, see page 25 and time table on page 36. Students should join this course at the beginning of the Winter Session.

LECTURES AND PRACTICAL CLASSES IN INTERMEDIATE MEDICAL SUBJECTS.

DEPARTMENT OF ANATOMY.

Professor:
Senior Demonstrator of Anatomy:
L. R. SHORE, M.C., M.B., B.Ch.(Cantab.), M.R.C.S.
Demonstrators of Anatomy: J. B. HUME, M.B., B.S.(Lond.), F.R.C.S.
R. S. CORBETT, M.R.C.S., L.R.C.P.
R. COYTE, M.B., B.S.(Lond.)., F.R.C.S.

COURSES OF INSTRUCTION.

1. LECTURES ON DESCRIPTIVE AND SURGICAL ANATOMY.

The Lectures will be divided into an Elementary and an Advanced Course.
The **Elementary Lectures** will deal with :

First half-session.
The general plan of the human body. The osseous system. The articulations of the arm and leg.

Second half-session.
The muscles, vessels, nerves and lymphatics of the arm and leg.

October to March—Monday at 9.45 A.M., and Thursday at 11 A.M.

In the **Advanced Lectures** the Topographical and Surgical Anatomy, and also the Morphology and Embryology, of the various organs and structures will be especially considered.

These Lectures are illustrated by special dissections, dissections from the Anatomical Museum, pathological specimens, etc.
The Elementary Lectures are mainly intended for Students beginning Anatomy. The course of Anatomy is not complete till both the Elementary and the Advanced Lectures have been attended.

October to March—Wednesday and Friday at 9.30 A.M.

Also a Course of Lectures during the Summer Session on Mondays and Thursdays at 10 A.M.

2. ADVANCED ANATOMY.

A theoretical and practical course of advanced instruction, designed to meet the requirements of those Students who propose to proceed to the higher examinations, Intermediate M.B. of Oxford, Cambridge, and London, the Primary Fellowship of the Royal College of Surgeons, etc., is held during the Winter and Summer Sessions.

In addition to this Course Candidates for :

1. The Primary F.R.C.S. in November will attend practical Demonstrations from May to July and during October on Tuesdays and Wednesdays at 10.30 and Thursdays at 11 A.M., and classes which are held three times weekly during the long vacation except for five weeks.

2. The First M.B.Oxford and the Second M.B.Cambridge in December and the Second M.B.London in March will attend the Demonstrations from October onwards.

3. The Primary F.R.C.S. in May will attend demonstrations from January to May.

4. The Second M.B.Cambridge in June and the Second M.B.London in July will attend demonstrations from April onwards.

3. PRACTICAL ANATOMY.

This department is under the superintendence of the Lecturer on Anatomy, who, with the Demonstrators, attends daily from Ten till Four o'clock during the Winter and the Summer Sessions to direct the Students in their dissections and to give demonstrations in Classes.

All Students of the First Year are arranged into classes to receive practical individual instruction in Osteology and the parts they are dissecting, and Students of the Second Year are divided into classes for practical demonstration of the anatomy of the various regions of the body.

The Dissecting Rooms are open from 8 A.M. to 5 P.M.

Subjects for Dissection are provided at a moderate expense, during the whole of the Winter and Summer Sessions. A record is kept of the regularity of attendance on classes and demonstrations of all first and second year students, and of their diligence in dissecting.

HOURS OF ATTENDANCE IN THE DISSECTING ROOM.

October–March.

	Mon.	Tues.	Wed.	Thurs.	Friday.	Sat.
Dr. . .	10–4	—	10–1	10–4	10–1	—
Mr. SHORE . .	1.30–4	1.30–4	10–1	1.30–4	10–1	—
Mr. HUME . . .	10–1	1.30–4	1.30–4	10–1	10–12	—
Mr. CORBETT . .	10–1	10–1	10–1	1.30–4	1.30–4	10–1
Mr. COYTE . .	1.30–4	10–1	1.30–4	10–1	1.30–4	10–1

April–July.

	Mon.	Tues.	Wed.	Thurs.	Friday.	Sat.
Dr. . .	10–12.30	—	—	10–12.30	10–12.30	—
Mr. SHORE . .	10–12.30	1.30–4	1.30–4	10–12.30	10–12.30	—
Mr. HUME . . .	10–12.30	—	1.30–4	—	10–12.30	—
Mr. CORBETT . .	1.30–4	10–1	10–1	1.30–4	1.30–4	10–12
Mr. COYTE . .	1.30–4	10–1	10–1	10–1	1.30–4	10–12

4. TUTORIAL CLASSES.

Special Tutorial Classes are arranged each three months for students preparing for the various professional examinations in Anatomy. The instruction in these classes is chiefly individual and catechetical, and at each class special dissections are used for illustration of the subject under discussion. In connection with these classes frequent "Test Examinations" are held, in order thoroughly to familiarise each individual student with Examinations.

DEPARTMENT OF GENERAL ANATOMY AND PHYSIOLOGY.

Professor of Physiology :
Prof. F. A. BAINBRIDGE, M.D.(Cantab.), D.Sc.(Lond.), F.R.C.P., F.R.S.

Senior Demonstrator of Physiology :
S. W. F. UNDERHILL, M.A., M.B., B.Ch.(Oxon.).

Demonstrators of Physiology :
N. B. DREYER, B.A.(Cape Un.).
J. P. ROSS, M.B., B.S.(Lond.).

COURSES OF INSTRUCTION.

1. LECTURES ON GENERAL ANATOMY AND PHYSIOLOGY.

This Course comprises a systematic exposition of the principles of Physiology, and the Lectures are supplemented and illustrated by experimental demonstrations whenever requisite.

October to March—Tuesday at 10 A.M., Wednesday and Friday at 10.30 A.M.

April to July—Tuesday at 10 A.M. ; Friday at 10 A.M.

2. PRACTICAL PHYSIOLOGY.

A systematic Course of Practical Physiology, which is supplemental to, and carried on concurrently with, the Course of Systematic Lectures, is given. In this Course each Student performs the more elementary experiments in connection with the physiology of the circulation, the organs of special sense, muscle and nerve. He is taught the chemical manipulations which are of especial importance in connection with clinical work, and also the methods of using the important physiological instruments. A separate portion of the Course is devoted to Practical Histology.

October to March—Tuesday 11–1 ; Wednesday and Friday 11.30–1.30.

April to July—Tuesday 11–1 ; Friday 11–1.

3. ADVANCED PHYSIOLOGY.

An advanced Class adapted to Students proceeding to the M.B. degrees commences in October.

October to March—Monday and Thursday at 12 noon.

Practical Classes in connection with the above course are held on Monday and Thursday at 2 P.M.

A similar class is held in the Summer Session, April to July—Tuesdays and Fridays at 10 A.M.

A practical class in Advanced Histology is held on Wednesday at 11 A.M.

A Special Class adapted for Students proceeding to the Primary F.R.C.S. Examination is held as follows :

1. For the May Examination, January to May—Tuesday, Wednesday, and Friday at 2.15 P.M.

2. For the November Examination, commencing in July—on the same days and at the same hours.

HOURS OF ATTENDANCE.

(*Including Advanced Classes.*)

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Prof. BAINBRIDGE . .	10–4	10–4	10–4	10–4	10–4	—
Dr. UNDERHILL . . .	10–4	10–4	10–4	10–4	10–4	—
Mr. DREYER . . .	2–4	10–1	10–1	2–4	10–1	10–1
Mr. ROSS	2–4	10–1	10–1	2–4	10–1	10–1

4. TUTORIAL CLASSES.

Special Tutorial Classes are held each three months for Students preparing for the various Professional Examinations in Physiology. The instruction in these Classes is chiefly individual and catechetical. In connection with these Classes frequent "Test Examinations," written, oral and practical, are held in order thoroughly to familiarise every individual Student with Examinations.

Special Systematic and Practical Classes for the Advanced Examinations in Anatomy and Physiology.

(Primary F.R.C.S., 2nd M.B.Lond., 1st M.B.Oxon., and 2nd M.B.Cantab.)

The following Special Courses of Instruction have been designed to meet the requirements of Students preparing for the above Examinations :

I.—Primary F.R.C.S.Eng., in May or November.

Course 1.—JANUARY TO MAY.

Course 2.—JUNE to JULY and SEPTEMBER to NOVEMBER.

Mon.	Tues.	Wed.	Thurs.	Fri.		
11	**11**	**11**	**11**	**11**	SPECIAL CLASS—ANATOMY	
12	—	—	**12**	—	LECTURE ON SPECIAL SUBJECT	PHYSIOLOGY
—	**2.15**	**2.15**	—	**2.15**	SPECIAL CLASS AND PRACTICAL	PHYSIOLOGY

II.—M.B. EXAMINATIONS.

Course 1.—JANUARY to MARCH and MAY to JULY.

Course 2.—OCTOBER to JANUARY.

Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		
11	**11**	**11**	**11**	**11**	—	SPECIAL CLASS—ANATOMY	
12	—	—	**12**	—	—	LECTURE ON SPECIAL SUBJECT	PHYSIOLOGY
2	—	—	**2**	—	—	PRACTICAL	PHYSIOLOGY

Students who have not already attended the ordinary Lectures in Anatomy at the Hospital are advised to do so ; in Physiology, in addition to the above Courses, Advanced Students are advised to attend the ordinary experimental Lectures.

DEPARTMENT OF MATERIA MEDICA, PHARMACOLOGY AND THERAPEUTICS.

Lecturer on Pharmacology and Therapeutics and Demonstrator of Pharmacology:
P. HAMILL, M.D.(Cantab.), D.Sc.(Lond.), F.R.C.P.

Lecturers on Sero- and Vaccino-Therapeutics:
Sir THOMAS HORDER, M.D.(Lond.), F.R.C.P.
MERVYN GORDON, C.M.G., C.B.E., M.D., B.Ch., B.Sc.(Oxon.).

Lecturer on Mechano-Therapeutics:
R. C. ELMSLIE, O.B.E., M.S., M.B.(Lond.), F.R.C.S.

Lecturer on Radio-Therapeutics:
N. S. FINZI, M.B.(Lond.), D.M.R.E.(Cantab.).

COURSES OF INSTRUCTION.

1. LECTURES ON MATERIA MEDICA AND PHARMACOLOGY.

The Course includes Lectures on Materia Medica and on the Physiological Action of Medicinal Agents.

October to March—Monday at 9.45 A.M.

2. PRACTICAL PHARMACOLOGY.

Demonstrations in Pharmacology, suitable for the various M.B. examinations, are given by the Lecturer and Demonstrator of Pharmacology.

October to March—April to July—Wednesday, at 2.30 P.M.

3. PRACTICAL PHARMACY.

Classes are held by Mr. Langford Moore, the Chief Pharmacist to the Hospital, daily throughout the year in the Pharmaceutical Laboratory of the Hospital Dispensary.

4. LECTURES ON THERAPEUTICS.

The Course includes the study of the principles of the application of remedies in the treatment of disease:

(*a*) General Therapeutics.
(*b*) Sero- and Vaccino-Therapeutics—including the principles of the use of sera and vaccines.
(*c*) Mechano-Therapeutics—including the use of massage and active movements in the treatment of disease and injury.
(*d*) Radio-Therapeutics—including the use of radium, X-rays, etc., in the treatment of disease.

April to July—Monday and Thursday at 12.15 P.M.

5. RESEARCH.

In the Pharmacological Research Laboratory opportunities are afforded for Research by Senior men who are preparing Theses for the degrees of M.D. or M.B.

TIME TABLE OF LECTURES AND PRACTICAL CLASSES IN INTERMEDIATE SUBJECTS.

WINTER SESSION (October to March).

	M.	T.	W.	Th.	F.	S.
Anatomy	9.45 (Junior)		9.30 (Senior)	11 (Junior)	9.30 (Senior)	
Advanced Anatomy	11	11	11	11	11	
Dissections	8–5	8–5	8–5	8–5	8–5	8–2
Physiology		10	10.30		10.30	
Practical Physiology		11	11.30		11.30	
Advanced Physiology	12			12		
Advanced Pr. Physiol.	2			2		
Organic Chemistry	12		9.30			9.30
Practical Organ. Chem.	3					10.30
Pharmacology (Senior)	9.45					
Practical Pharmacy			11			
Practical Pharmacology			2.30			

SUMMER SESSION (April to July).

	M.	T.	W.	Th.	F.	S.
Anatomy	10			10		
Advanced Anatomy	11		11	11		
Dissections	8–5	8–5	8–5	8–5	8–5	8–2
Physiology		10			10	
Practical Physiology		11–1			11–1	
Practical Organ. Chem.	3					10.30
Practical Pharmacy			11			
Practical Pharmacology			2.30			

LECTURES, DEMONSTRATIONS AND PRACTICAL CLASSES IN ADVANCED MEDICAL STUDIES.

DEPARTMENT OF MEDICINE.

(A) Medical Clinical (Professorial) Unit.

Director . . . Prof. F. R. FRASER, M.B., Ch.B.(Edin.), F.R.C.P.(Edin.), M.R.C.P.(Lond.).
Assistant Director. GEOFFREY EVANS, M.D.(Cantab.), M.R.C.P.
Chief Assistants . G. GRAHAM, M.D.(Cantab.), F.R.C.P.

I. *Lectures in Clinical Medicine.*—These lectures are given by different members of the Staff of the Medical Clinical Unit on Thursday at 3.45 P.M. in both Winter and Summer Sessions.

II. *Demonstrations* take place in the Wards or Laboratories of the Unit every day at 1.30 P.M., except Wednesday and Saturday. The demonstration on Tuesday is of a standard suitable for men taking the higher qualifications.

III. *Preliminary Classes* of instruction in the methods of case taking and of physical examination are conducted on Fridays at 3 P.M. for students commencing their clinical work. The classes are given four times a year.

IV. *Out-patient Demonstrations* take place on Tuesday and Friday at 10 A.M.

V. *Clinical Appointments.*—All the usual In- and Out-patient clinical appointments which exist in the ordinary clinical units are available for students. It is desirable that every student during his career should spend at least three months in this unit.

(B) Medical Clinical (Non-Professorial) Units.

Physicians: . . H. MORLEY FLETCHER, M.D.(Cantab.), F.R.C.P.
J. H. DRYSDALE, M.D.(Cantab.), F.R.C.P.
Sir P. HORTON-SMITH HARTLEY, C.V.O., M.D.(Cantab.), F.R.C.P.
Sir THOMAS HORDER, M.D.(Lond.), F.R.C.P.

Physicians with Charge of Out-patients:
W. LANGDON BROWN, M.D.(Cantab.), F.R.C.P.
H. THURSFIELD, M.D.(Oxon.), F.R.C.P.

Assistant Physicians:
C. M. HINDS HOWELL, M.D.(Oxon.), F.R.C.P.
A. E. GOW, M.D., B.S.(Lond.), F.R.C.P.

Demonstrators of Practical Medicine:
C. M. HINDS HOWELL, M.D.(Oxon.), F.R.C.P.
A. E. GOW, M.D., B.S.(Lond.), F.R.C.P.

Chief Assistants: R. H. SIMPSON, M.D.(Lond.), M.R.C.P., D.P.H.
R. J. PERKINS, M.D., B.S.(Lond.)., M.R.C.P.
L. W. BATTEN, M.B., B.Ch.(Cantab.).
L. I. BRAUN, M.B.(Lond.), M.R.C.P.

THE MEDICAL SERVICE.

The Medical part of the Service of the Hospital comprises Wards containing 228 beds, whilst in the General and Isolation Wards there are 50 beds, and at the Convalescent Hospital 70 beds.

During the year 1920, 4856 patients were treated in the Medical Wards and 30,385 in the Medical Out-patient and Casualty Departments.

COURSES OF INSTRUCTION.

1. LECTURES ON PRINCIPLES AND PRACTICE OF MEDICINE.

By the PHYSICIANS and ASSISTANT PHYSICIANS to the Hospital.

This Course consists of Lectures on the several parts of Internal Medicine.

October to July—Monday and Tuesday at 3.45 P.M.

2. LECTURES ON CLINICAL MEDICINE.

By the PHYSICIANS to the Hospital.

These Lectures relate to Patients who are or have recently been under Treatment in the Hospital. The Lectures are given by the Physicians to the Hospital on Fridays at 12.45 P.M. throughout the Academical year.

3. DEMONSTRATIONS AND TUTORIAL CLASSES ON PRACTICAL MEDICINE.

BY

C. M. HINDS HOWELL, M.D.(Oxon.), F.R.C.P.
A. E. GOW, M.D., B.S.(Lond.), F.R.C.P.

These Demonstrations include instruction in :

The Application of Anatomical Knowledge to the Investigation of Disease ;

The Methods of Examining various Organs and Parts to detect the Evidence of Disease ;

The Mode of Employment of Instruments and Apparatus used in Diagnosis and Treatment.

And are arranged in the following Classes :

1. Special Tutorial Classes to prepare the Candidates for the Final Conjoint Examinations (M.R.C.S., L.R.C.P.). Three Courses are given annually on Monday, Tuesday, Thursday and Friday at 4.45 P.M.
2. Advanced Classes are held for those preparing for the Final M.B. Examinations of the Universities of Oxford, Cambridge, and London.
3. Arrangements are made for Candidates preparing for the M.D.London if a sufficient number present themselves.

4. MEDICAL CONSULTATIONS.

Consultations are held by the Physicians, Physicians with charge of Out-patients, and Assistant-Physicians to the Hospital on Medical Cases on Thursdays at 3.15 P.M. in the Surgical Out-patient Room.

CLINICAL APPOINTMENTS.

1. HOUSE PHYSICIAN.

Ten House Physicians are appointed annually as Medical Officers of the Hospital after consultation between the Physicians in Committee. The House Physicians must be Licentiates of the Royal College of Physicians of London, and Members of the Royal College of Surgeons of England, or Graduates in Medicine in one of the Universities recognised by the Royal

College of Physicians. Candidates for the post of House Physician should have held appointments as Clinical Clerks in the wards of the Medical Professorial unit for at least three months, except in special circumstances Each House Physician is attached to a Physician for six months as "Junior House Physician," and six months as "Senior House Physician." During their first six months they work in the Medical Casualty Department. During their second six months they become "Senior House Physicians," and have the care of the In-patients under their Physicians. The Junior House Physicians receive a salary at the rate of £80 a year. The Senior House Physicians are provided with rooms and board, and receive a salary at the rate of £80 a year each.

2. CLINICAL CLERK TO IN-PATIENTS.

Clinical Clerks, usually forty in number, are appointed by the Physicians *for periods of three months*, beginning on the first of January, April, July, and October. They attend daily in the Wards between the hours of 10 and 1, to take note of the histories, symptoms, and daily progress of the Medical cases and to assist the House Physicians. Afterwards they accompany the Physicians on their visits to the Wards and read to them their notes of the cases.

3. CLINICAL CLERK TO OUT-PATIENTS.

The Medical Out-patients are seen in the Medical Out-patient Rooms every day at 10 A.M. by one of the Physicians with charge of Out-patients or Assistant Physicians. Each Physician with charge of Out-patients or Assistant Physician appoints Clerks every three months. The Clerks take notes of the cases, and the Patients are afterwards examined by the Physician, a short demonstration of each case being given. Each Clerk has subsequently the opportunity of following the progress and treatment of his cases.

Students are recommended to Clerk in the Out-patient room after having acted as Clinical Clerks in the Wards.

4. PATHOLOGICAL CLERK.

Five Pathological Clerks for the Medical Wards are appointed every three months, on the nomination of the Physicians. Their duties are to assist in carrying out the necessary clinical pathological investigations which may be required for the Patients in the Wards and to prepare microscopical sections of tissues and organs from the post-mortem room. Their work is done under the supervision of the Demonstrators of Pathology and Chief Assistants.

Times of Attendance of the Physicians and Physicians with Charge of Out-Patients in the Wards and Out-Patient Departments.

	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
Dr. FLETCHER	1.30	1.30	—	1.30	1.30	—
Dr. DRYSDALE	1.30	1.30	—	2.0	1.30	—
Sir P. HORTON-SMITH HARTLEY	1.30	1.30	—	1.30	1.30	—
Sir THOMAS HORDER	1.30	1.30	—	1.30	1.30	—
Dr. LANGDON BROWN	—	—	*10	—	1.30	—
Dr. THURSFIELD	—	—	—	1.30	—	*10
Dr. HINDS HOWELL	*10	—	—	—	—	—
Dr. GOW	—	1.30	—	10	—	—

Out-patient Sessions are indicated by an asterisk (*).

For times of attendance of Officers in the Professorial Unit see page 37.

DEPARTMENT OF SURGERY.

(A) Surgical Clinical (Professorial) Unit.

Director . . . Prof. G. E. GASK, C.M.G., D.S.O., F.R.C.S.
Assistant Director. T. P. DUNHILL, C.M.G., M.D., B.S.(Melb.).
Chief Assistants . R. OGIER WARD, D.S.O., M.C., M.Ch.(Oxon.), F.R.C.S.
G. L. KEYNES, M.D., B.Ch.(Cantab.), F.R.C.S.

I. *Lectures in Clinical Surgery.*—These lectures are given by the different members of the Staff of the Surgical Clinical Unit on Thursday at 3.45 P.M. in both Winter and Summer Sessions.

II. *Demonstrations.*—Demonstrations take place in the Wards or Laboratories of the Clinical Unit daily at 1.30, except Saturday.

III. *Preliminary Classes* of instruction in the methods of case-taking, physical examination, the use of instruments, splints, etc., are conducted on Thursdays at 3 P.M. for students commencing their clinical work. The classes are given four times a year.

IV. *Out-patient Demonstrations.*—Out-patient Demonstrations take place on Mondays and Thursdays at 10 A.M.

V. *Operations.*—Operations take place on Tuesday and Friday at 9.15 A.M. and Thursday at 2 P.M.

VI. *Clinical Appointments.*—All the usual In- and Out-patient clinical appointments which exist in the ordinary clinical units are available for students. It is desirable that every student during his career should spend at least three months in this Unit.

(B) Surgical Clinical (Non-Professorial) Units.

Surgeons: H. J. WARING, M.S., M.B., B.Sc.(Lond.), F.R.C.S.
W. MCADAM ECCLES, M.S., M.B.(Lond.), F.R.C.S.
L. BATHE RAWLING, M.B., B.Ch.(Cantab.), F.R.C.S.
SIR C. GORDON-WATSON, K.B.E., C.M.G., F.R.C.S.

Surgeons with Charge of Out-patients:
HAROLD WILSON, M.S., M.B.(Lond.), F.R.C.S.
W. GIRLING BALL, F.R.C.S.

Assistant Surgeons:
J. E. H. ROBERTS, O.B.E., M.B., B.S.(Lond.), F.R.C.S.
R. M. VICK, O.B.E., M.B., M.Ch.(Cantab.), F.R.C.S.

Demonstrators of Practical Surgery:
J. E. H. ROBERTS, O.B.E., M.B., B.S.(Lond.), F.R.C.S.
R. M. VICK, O.B.E., M.B., M.Ch.(Cantab.), F.R.C.S.

Demonstrators of Operative Surgery:
L. BATHE RAWLING, M.B., B.Ch.(Cantab.), F.R.C.S.
HAROLD WILSON, M.S., M.B.(Lond.), F.R.C.S.
W. GIRLING BALL, F.R.C.S.

Chief Assistants:
R. A. RAMSAY, M.Ch.(Cantab.), F.R.C.S.
H. E. GRIFFITHS, M.S., M.B.(Lond.), F.R.C.S.
E. M. ATKINSON, M.B., B.S.(Lond.), F.R.C.S.
R. MAINGOT, F.R.C.S.

THE SURGICAL SERVICE

The Hospital contains 310 beds for Patients undergoing Surgical treatment, 50 beds for General and Isolation Cases, and 70 at the Convalescent Hospital at Swanley. During 1920, 4155 Patients were treated in the Surgical Wards of the Hospital, and 38,219 Patients in the Surgical Out-patient and Casualty Departments.

COURSES OF INSTRUCTION.

1. LECTURES ON THE PRINCIPLES AND PRACTICE OF SURGERY.

BY

The SURGEONS and ASSISTANT SURGEONS to the Hospital.

These Lectures comprise an exposition of the Principles and Practice of Surgery.

October to March—Tuesday and Thursday at 12.45 P.M.
April to July—Tuesday at 12.45 P.M.

2. CLINICAL LECTURES ON SURGERY.

by the SURGEONS to the Hospital.

These Lectures relate to Patients who are or have recently been under Treatment in the Hospital. The Lectures are given by the Surgeons to the Hospital on Wednesdays throughout the Academical year at 12.45 P.M.

3. TUTORIAL DEMONSTRATIONS ON PRACTICAL SURGERY.

Demonstrators: J. E. H. ROBERTS, O.B.E., M.B., B.S., F.R.C.S.
R. M. VICK, O.B.E., M.B., B.Ch.(Cantab.), F.R.C.S.

These Demonstrations are intended for those students intending to become candidates at the Final Conjoint Examination (M.R.C.S., L.R.C.P.).

A course is given in each of the three terms of the academical year.

Tuesday at 12 noon, Wednesday at 12 noon, and Friday at 12 noon.

4. OPERATIVE SURGERY.

Demonstrators: HAROLD WILSON, M.S., M.B., F.R.C.S.
W. GIRLING BALL, F.R.C.S.
J. E. H. ROBERTS, O.B.E., M.B., B.S.(Lond)., F.R.C.S.

The following courses are given:

1. Elementary Course, for the final M.R.C.S. and L.R.C.P. All students must attend this class during their fourth or fifth year.
This Course is given in January and June only.

2. A Course intended for students for the M.B., B.Ch., and B.S. Examinations of the Universities of Oxford, Cambridge, and London.
This Course is given as a rule in February, May and October.

3. A Course for the Naval, Military and Indian Medical Services (entrance and promotion).
This Course is usually given in March and October.

4. A Course for those who wish to present themselves for the Final F.R.C.S. or the M.Ch. and M.S. Examinations.
This Course is given in April and October.

The Classes are held in the Operative Surgery Room at 4.15 P.M. daily except Saturday, and each student performs, or assists in performing, on the Dead Subject, all the recognised operations in Surgery.

5. SURGICAL CONSULTATIONS.

Surgical Consultations are held by the Surgical Staff of the Hospital on interesting and obscure Surgical Cases, on Thursdays at 1.30 P.M. in the Surgical Out-patient Room.

6. SURGICAL OPERATIONS.

Surgical operations, except in cases of emergency, are performed at 1.30 P.M. on Mondays, Tuesdays, Wednesdays, Thursdays and Fridays, and on Tuesday, Friday and Saturday mornings at 9.15 A.M. in the Operation Theatres. A notice of the Operations of the Day is posted every morning in the entrance leading to the Etherington Smith Operation Theatre (A).

TIME-TABLE OF OPERATIONS.

Theatre.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
I. (*A*)	Mr. Rawling 1.30 P.M.	Prof. Gask 9.15 A.M. Mr. Waring 1.30 P.M.	Mr. Vick 1.30 P.M.	Mr. Rawling 1.30 P.M.	Prof. Gask 9.15 A.M. Mr. Waring 1.30 P.M.	
II. (*B*)	Sir C. Gordon-Watson 2 P.M.	Mr. Eccles 1.30 P.M.	Sir C. Gordon-Watson 2 P.M.		Mr. Girling Ball 1.30 P.M.	Mr. Eccles 9 A.M.
III. (*C*)	This theatre is used for emergency operations.					
IV. (*D*)			Mr. Roberts 3 P.M.	Mr. Dunhill 2 P.M.	Mr. Wilson 1.30 P.M.	
V. (Coborn)	This theatre is reserved for cases from Coborn and Radcliffe Wards.					

For times of Operations in the Throat and Nose and Ear Out-patient Departments, see page 53 ; in the Orthopædic Department, see page 55 ; in Ophthalmic Department, see page 51 ; in Gynæcological Department, see page 45.

CLINICAL APPOINTMENTS.

1. HOUSE SURGEON.

Ten House Surgeons are appointed annually as Medical Officers of the Hospital after consultation between the Surgeons in Committee. They are required to have been Surgical Dressers to In-patients for at least six months at the Hospital, one period of three months of which should have been spent in the Wards of the Surgical Professorial Unit, except under special circumstances ; they must be Members of the Royal College of Surgeons of England, or have graduated in Surgery at the University of Oxford, or Cambridge, or London. Each House Surgeon is attached to a Surgeon, and the care of the Patients is entrusted to him in the intervals between the Surgeon's visits. During their first six months as "Junior House Surgeons" they attend to the Patients in the Surgical Casualty Department and the Surgical Emergency Cases. During their second six months as "Senior House Surgeons" they also have charge of the In-patients under their Surgeons. The Junior House Surgeons receive a salary of £80 a year each, and the Senior House Surgeons are provided with rooms and board and receive a salary of £80 a year.

2. SURGICAL DRESSERS.

Dressers to the Surgical In-patients and to the Surgical Casualty Department are appointed by the Surgeons every three months, beginning on the 1st January, April, July, and October. They hold office for six months —three months as "Surgery Dresser" and three months as "Ward Dresser." Each Surgeon has six Dressers who attend daily in the Surgical Casualty Department to dress the minor surgical cases, and to perform other duties assigned to them by the House Surgeons. Each Surgeon has also eight In-patient Dressers to dress the surgical in-patients, to take notes of cases, and to perform other duties assigned to them; they accompany the Surgeons on their visits to the Wards and read the notes of their cases. During "taking-in" times there are two Dressers selected from the Casualty Dressers on day duty in the Surgery, and one Dresser selected from the In-patient Dressers on night duty. During the period of casualty dressing students attend the preliminary classes in Surgery, Medicine and Pathology.

3. SURGICAL DRESSER TO OUT-PATIENTS.

Twenty-four Dressers to Surgical Out-patients are appointed every three months. The Surgical Out-patients are seen in the Surgical Out-patient Rooms every day at 10 A.M. by the Surgeons with charge of Out-patients and the Assistant Surgeons. The Dressers examine and take notes on cases which are subsequently demonstrated to them and the other Students present.

Classes for Clinical Demonstrations are arranged every three months, and Students wishing to attend should enter their names beforehand, preference being given to those who are working for their final examinations.

4. PATHOLOGICAL CLERK.

Five pathological Clerks for the Surgical Wards are appointed every three months on the nomination of the Surgeons. Their duties are to prepare sections of tissues removed in the Operation Theatres and Surgical Post-mortem Room, and to undertake, and report the result of, any pathological investigations which may be required in the Surgical Wards. Their work is done under the supervision of the Demonstrators of Pathology and Chief Assistants.

Times of Attendance of Surgeons, Surgeons with Charge of Out-Patients and Assistant Surgeons in the Wards and Out-Patient Departments.

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Mr. WARING	1.30	1.30	—	1.30	1.30	—
Mr. ECCLES	1.30	1.30	—	1.30	—	9
Mr. RAWLING	1.30	1.30	—	1.30	1.30	—
Sir C. GORDON-WATSON	2	1.30	2	1.30	1.30	—
Mr. WILSON	—	—	*10 1.30	—	—	—
Mr. GIRLING BALL	—	—	1.30	—	—	*10
Mr. ROBERTS	—	1.30	—	—	*10	—
Mr. VICK	—	*10	—	1.30	—	—

Out-patient Sessions are indicated by an asterisk (*).

For times of attendance of Officers in the Professorial Unit see page 40.

SPECIAL CLASSES FOR THE HIGHER EXAMINATIONS IN SURGERY.

(F.R.C.S., M.Ch.Oxon., M.Ch.Cantab., and M.S.Lond.)

The following special courses of instruction have been designed to meet the requirements of students preparing for the above Examinations.

1. SURGICAL HOSPITAL PRACTICE.

The Surgeons attend daily at 1.30 P.M.; and the Surgeons with charge of Out-patients and the Assistant Surgeons daily at 10 A.M. and at 1.30 P.M. in the wards.

2. CLINICAL CLASS IN THE WARDS.

Mr. DUNHILL . .	Alternate Wednesdays .	9.30 A.M.
Mr. ROBERTS . .	Alternate Tuesdays . .	9.30 A.M.

3. CLINICAL CLASS WITH CASE-TAKING AND COMMENTARIES.

Mr. ROBERTS . .	Tuesday . . .	10.30 A.M.

4. SHORT CASE CLASS.

Mr. VICK . . .	Tuesday . . .	2 P.M.

5. SURGICAL ANATOMY.

Mr. HUME	Wednesday .	12.0 noon.

6. PATHOLOGY.

a. General Pathology and Histology.

Dr. SPILSBURY . . .	Tuesday .	12.0 noon.

Six weeks towards the commencement of the course.

b. Surgical Pathology, Morbid Anatomy, and Museum Work.

Mr. GIRLING BALL . .	Thursday .	12.0 noon.
Mr. ROBERTS	Friday . .	12.0 noon.
Mr. VICK	Wednesday .	4.30 P.M.

c. Bacteriology.

Dr. MERVYN GORDON . .	Tuesday .	12.0 noon.

Six weeks towards the end of the course.

7. OPERATIVE SURGERY.

Mr. HAROLD WILSON
Mr. GIRLING BALL
Mr. ROBERTS
} Three weeks at the end of the course.

Special classes in Ophthalmology, Laryngology, Otology, and in Orthopædic Surgery, etc., will be arranged during the course.

Two courses are held, each of about two months' duration, commencing in September and February.

CLINICAL APPLIED ANATOMY.

Lecturer:

COURSES OF INSTRUCTION.

Three Courses of Lectures are given annually, in the Winter and Summer Sessions. Students should attend these Lectures at the beginning of their clinical work. October–December; January–March; April–July—days and hours to be arranged.

DEPARTMENT FOR MIDWIFERY AND DISEASES OF WOMEN.

Physician-Accoucheur :
H. WILLIAMSON, M.B., B.Ch.(Cantab.), F.R.C.P.
Physician-Accoucheur with Charge of Out-patients :
J. D. BARRIS, M.B., B.Ch.(Cantab.), F.R.C.S., M.R.C.P.
Assistant Physician-Accoucheur :
M. DONALDSON, M.B., B.Ch.(Cantab.), F.R.C.S.
Demonstrator of Midwifery :
H. J. MCCURRICH, M.R.C.S., L.R.C.P.
Chief Assistant : H. G. E. WILLIAMS, M.D., B.Ch.(Cantab.).

The Wards devoted to Diseases of Women contain 30 beds, and include two larger Wards, three small Wards, and an Operation Theatre.

The Indoor Maternity Department contains 17 Beds, and includes a Labour Theatre, a Waiting Ward, two Lying-in Wards and an Infants' Nursery.

COURSES OF INSTRUCTION.

1. MIDWIFERY.

(a) Lectures on Midwifery.

October to December—Thursday at 9 A.M. ; January to March—Tuesday at 9 A.M. ; April to July—Tuesday at 9 A.M.

(b) Clinical Instruction in Midwifery.

Monday and Friday at 2 P.M. in Elizabeth Ward.

(c) Pre-Maternity Clinic.

Thursday at 1.30 P.M. in Gynæcological Out-patient Department.

(d) Preliminary Classes in Midwifery are held monthly.

2. GYNÆCOLOGY.

(a) Clinical Lectures on Diseases of Women.

October to December—Tuesday at 9 A.M. ; January to March—Thursday at 9 A.M. ; April to July—Thursday at 9 A.M.

(b) Clinical Instruction in Gynæcology in the Wards.

Tuesday and Friday at 2 P.M. in Martha Ward ; Wednesday at 2 P.M. in Charity Ward.

(c) Gynæcological Out-patients.

Monday and Saturday at 9.30 A.M. ; Wednesday at 1.30 P.M.

(d) Gynæcological Operations.

Monday and Thursday at 2 P.M. in Martha Theatre ; Wednesday and Thursday at 10 A.M. in Theatre B.

3. TUTORIAL CLASSES.

Tutorial Classes are held during every three months to prepare candidates for the Examinations of the Conjoint Board, and Special Classes are held for Students preparing for the final M.B. Examinations of the Universities of Oxford, Cambridge, and London.

Wednesday at 4.45 P.M. and Friday at 9 A.M.

CLINICAL APPOINTMENTS.

1. RESIDENT MIDWIFERY ASSISTANT.

A Resident Midwifery Assistant, who must be a Registered Medical Practitioner, is appointed every six months. He is provided with rooms by the Hospital, and receives a salary at the rate of £80 a year. He is entrusted with the care of the Gynæcological and Obstetrical In-patients under the direction of the Physicians to the Department.

2. NON-RESIDENT MIDWIFERY ASSISTANT.

A Non-resident Midwifery Assistant, who must be a registered Medical Practitioner, is appointed every six months. He receives a salary at the rate of £80 a year. He is entrusted with the care of the Gynæcological and Obstetrical In-patients under the direction of the Physicians to the Department.

3. EXTERN MIDWIFERY ASSISTANT.

An Extern Midwifery Assistant is appointed every three months ; he must be a registered Medical Practitioner, and is entrusted with the care of the Maternity Department under the direction of the Physicians to the Department. He instructs and supervises the Extern Midwifery Clerks. He receives a salary at the rate of £80 a year, and is provided with rooms and board by the Hospital.

4. CLINICAL ASSISTANT.

Clinical Assistants are appointed for periods of three months, commencing on January 1st, April 1st, July 1st, and October 1st, and are eligible for re-election. They must possess a Degree or Diploma in Medicine and Surgery. They perform such duties as are allotted to them.

5. CLERKS IN THE DEPARTMENT FOR DISEASES OF WOMEN.

Clinical Clerks are appointed every three months for work in the Wards and Out-patient Department ; they perform duties similar to those of the Clinical Clerks in the Medical Wards and in the Medical Out-patient Department. Clerks attend in Martha Ward on Mondays, Tuesdays, Thursdays and Fridays at 2 P.M., with the Physician-Accoucheur, and they read their notes of the cases.

Clerks attend in the Maternity Ward on Tuesdays and Fridays at 2 P.M.

Clerks attend in the Out-patient Department on Mondays and Saturdays at 9.30 A.M., and on Wednesday and Thursday at 1.30 P.M.

6. INTERN MIDWIFERY CLERKS.

Clerks to the Intern Department are appointed every month. They deliver the patients and receive instruction in the conduct of normal and abnormal labour. Students should act as Clerks in the Intern Department before taking cases in the Extern Department.

7. EXTERN MIDWIFERY CLERKS.

Clerks are appointed on the first of every month to attend Midwifery Out-patients of the Hospital. They are required to have dressed and clerked previously and to have attended the Lectures in Midwifery.

8. PATHOLOGICAL CLERK.

One or more Pathology Clerks are appointed every three months. Their duties are to examine and prepare Microscopical Sections of Organs removed in the Operation Theatre and Post-mortem Room, and to undertake any Pathological Investigations which may be required.

DEPARTMENT OF PATHOLOGY.

Professor of Pathology and Pathologist to the Hospital:
Prof. Sir F. W. ANDREWES, O.B.E., M.D.(Oxon.), F.R.C.P., D.P.H., F.R.S.
Lecturer on Bacteriology and Bacteriologist to the Hospital:
MERVYN H. GORDON, C.M.G., C.B.E., M.D., B.Ch., B.Sc.(Oxon.).
Lecturer on Morbid Anatomy and Histology:
BERNARD H. SPILSBURY, M.B., B.Ch.(Oxon.).
Lecturer on Chemical Pathology and Chemical Pathologist to the Hospital:
R. L. MACKENZIE WALLIS, M.D.(Cantab.).
Demonstrators of Pathology:
R. G. CANTI, M.D.(Cantab.).
T. JOEKES, M.B.(Leiden).
H. E. ARCHER, M.R.C.S., L.R.C.P.
Junior Demonstrators of Pathology:
G. LYON SMITH, M.B., B.Ch.(Cantab.).
E. A. CROOK, M.D., B.Ch.(Oxon.).
G. C. LINDER, M.D., B.S.(Lond.).

COURSES OF INSTRUCTION.

1. LECTURES ON GENERAL PATHOLOGY.

This course of Lectures is given during the Winter Session and is devoted to the principles of General Pathology and to the Morbid Anatomy and Physiology of Special Diseases. The Lectures are illustrated by specimens from the Museum, and whenever possible by Laboratory Demonstrations.

SYLLABUS: The General and Special Pathology of the Blood. Thrombosis and Embolism. The Pathology of the Circulation. Œdema. Jaundice.
Fever. Inflammation. Degenerations. Necrosis and Gangrene. The Healing of Wounds. Hypertrophy and Atrophy. Infections (including the Elements of Bacteriology). The Pathology of Innocent and Malignant New Growths.

October to March—Monday and Wednesday at 12 noon.

2. LECTURES ON SERO- AND VACCINO-THERAPEUTICS.

See page 35.

3. LECTURES ON CHEMICAL PATHOLOGY.

A course of advanced Lectures is given during the Winter and Summer Sessions. In these Lectures the chemical and metabolic problems connected with such morbid conditions as Diabetes, Gout, Renal Disease, Jaundice, etc., are discussed.

Opportunity for research is afforded in the Laboratory for Chemical Pathology.

4. PRACTICAL MORBID HISTOLOGY.

Classes in Pathological Histology are conducted by the Lecturer on Morbid Histology and the Demonstrators of Pathology every Friday afternoon at 4.15 P.M. during the Winter Session, in the Clinical Pathology Laboratory. Microscopic sections of all the principal morbid tissues, medical, surgical, and gynæcological, are given to the Students of the class, which is preceded by a short Lecture and accompanied by full practical Demonstrations. Students are required to bring their own microscopes while attending this course.

5. PRACTICAL BACTERIOLOGY.

Complete courses of instruction in Practical Bacteriology are held twice a year during the Winter and Summer Sessions by the Lecturer on Bacteriology with the assistance of the Demonstrators. The Class extends over a period of three months, and meets three times a week in the Laboratory of Bacteriology, from 2 to 5 P.M., on Mondays, Wednesdays and Fridays. The Courses commence in October and April.

The subjects dealt with in the course are as follows :

The classification of bacteria associated with disease ; their morphological, physiological, serological, and pathogenic attributes ; the problem of specificity ; the chief methods whereby bacteria are differentiated and identified ; hanging-drop preparations and the use of the dark illumination ; staining methods, including the demonstration of spores and flagella ; the principles of sterilisation ; the preparation and standardisation of culture media ; special culture methods ; the distribution of bacteria ; saprophytes and parasites ; paths of infection ; virulence and toxicity ; infection and resistance ; the principal facts and theories of immunity and their practical application to the prevention, diagnosis and specific treatment of disease ; anaphylaxis and desensitisation.

After dealing with bacteria present in the normal human body, practical instruction is given in the identification of the principal pathogenic micro-organisms including :

The pyogenic cocci ; pneumococci ; Gram-negative cocci, including the gonococcus and meningococcus ; *B. influenzæ* ; the typhoid-paratyphoid group ; leprosy ; dysentery bacilli ; *B. diphtheriæ* and its differential diagnosis ; tubercle ; actinomycosis ; glanders ; plague ; cholera ; Malta-fever ; anthrax ; anaërobes, including tetanus ; spirochætal infections, including syphilis ; the filter passers ; pathogenic protozoa.

The instruction includes the practical recognition of the above pathogenic micro-organisms by approved methods, and the staining of sections of tissues, together with the examination of animals dead of bacterial diseases. It further includes the applied bacteriology required for the D.P.H. examinations, namely, the bacteriological examination of air, water, shell-fish, food, milk, etc. ; the purification of water supplies ; and the testing of disinfectants.

6. PRACTICAL PATHOLOGICAL CHEMISTRY.

Classes in Practical Pathological Chemistry are conducted by the Lecturer of Chemical Pathology, assisted by the Demonstrators of Pathology, on Tuesday afternoons at 4.45 P.M. during the Winter and Summer Sessions, in the Chemical Pathology Laboratory. The investigations carried out include—qualitative and quantitative examination of the urine and other body-fluids ; examinations of gastric and intestinal contents ; examinations of urinary sediments and calculi. The practical work for which the apparatus is provided is preceded by a short lecture demonstration. The Classes are intended for Students taking the various M.B. Examinations.

7. MORBID ANATOMY.

Post-mortem examinations are made daily in the Post-mortem Room by the Chief Assistants of the Medical and Surgical Units, under the supervision of the Lecturer on Morbid Anatomy, at 12.30 P.M. Full opportunity is afforded to Students at these examinations for the inspection of the morbid conditions revealed, which are explained by the Lecturer.

Students are trained in the method of making Post-mortem examinations, and special Post-mortem Clerks are appointed for periods of one month. A notice of the Post-mortem examinations of each day is posted every morning before 12 o'clock on the School Notice Board and in the Pathological Department. The Clinical Clerk or Dresser of each case is required to attend.

8. DEMONSTRATIONS ON MEDICAL MORBID ANATOMY.

Once a week, during both Winter and Summer Sessions, the Lecturer on Morbid Anatomy holds a demonstration on the morbid specimens of the week from the Post-mortem Room, supplemented by specimens from the Museum. October to July—Wednesdays, at 4.45 P.M.

Two courses of demonstrations on Systematic Morbid Anatomy are held in the Museum, October to Christmas and January to March, at times to be arranged.

9. DEMONSTRATIONS ON SURGICAL MORBID ANATOMY.

Once a week, during both Summer and Winter Sessions, the Lecturer on Morbid Anatomy holds a demonstration on the morbid specimens of the week from the Operation Theatres and Post-mortem Room, supplemented by specimens from the Museum.

October to July—Tuesdays at 4.45 P.M.

10. PRELIMINARY CLASSES IN PATHOLOGY.

Preliminary Classes of Instruction in Clinical Pathology are held on Tuesdays at 2 P.M. in the Pathological Laboratory for the instruction of students commencing their clinical work. These classes are held four times a year.

11. TUTORIAL CLASSES IN PATHOLOGY.

Tutorial Revision Classes are held in Medical and Surgical Pathology. One class in Medical and one in Surgical Pathology is held each week during the Summer and Winter Sessions.

12. PATHOLOGICAL CLERKSHIPS.

Clerks are appointed every three months to each physician and surgeon. Applicants for Resident Staff appointments are strongly advised to act as Pathological Clerks. They attend in the Clinical Pathology Laboratory daily from 10 A.M. to 1 P.M., and carry out investigations on material from the wards under the direction of the Demonstrators and the Chie Assistants of the Medical and Surgical Units. Systematic instruction is given in the methods of section cutting and staining ; the preparation and staining of films from cultures, pus, and sputum for the principal pathogenic bacteria ; the methods of blood examination, including the use of the hæmocytometer and hæmoglobinometer, the preparation of stained blood films and the mode of making differential leucocyte counts ; the examination of cerebrospinal fluid ; the making of blood cultures ; the examination of hairs for ringworm ; the characters and recognition of the principal animal parasites.

On the Chemical side, these Classes comprise the qualitative and quantitative examination of the urine and of morbid fluids, the examination of the gastric contents, and the analysis of calculi.

The course for the pathological clerks is designed to meet the requirements in Pathology at the Universities and Conjoint Board. All students are recommended to hold such a clerkship, and to attend the physician or surgeon to whom he is attached on his visits to the wards, in order that he may learn the application of the laboratory methods he is practising to the diagnosis of disease.

Instruction in Clinical Pathology is also arranged for those students who have been unable to hold pathological clerkships. Such Classes are held when a sufficient number of students present themselves for instruction.

For details concerning these appointments, see pp. 39, 43, 46, 52, 54, 56.

13. RESEARCH.

Opportunities are afforded in the Pathological Laboratories to Senior men who desire to carry on research or are preparing Theses for the degrees of M.D. or M.B.

DEPARTMENT FOR DISEASES OF CHILDREN.

Physicians in Charge of the Department:

H. MORLEY FLETCHER, M.D.(Cantab.), F.R.C.P.
H. THURSFIELD, M.D.(Oxon.), F.R.C.P.

Chief Assistants:

A. GREGSON WILLIAMS, O.B.E., M.D.(Cantab.), M.R.C.P.
R. R. ARMSTRONG, M.D.(Cantab.), M.R.C.P.

Monday and Wednesday at 1.30 P.M.

COURSES OF INSTRUCTION.

1. Clinical Instruction is given by Dr. Fletcher and Dr. Thursfield in the Methods of Examination, the Diagnosis, Prognosis and Treatment of the Diseases of Children, and in the Management of Infancy.

2. LECTURES.—Periodical Lectures are given at times which are announced on the School Notice Board.

INFANTS' WELFARE DEPARTMENT (CONSULTATIVE CENTRE).

Infants' consultations, chiefly, but not entirely, concerned with the sick or abnormal infant, are held by Dr. Thursfield on Monday afternoons at 1.30 P.M. Infants whom it is not considered necessary to retain for treatment in the Department are referred to the Infant Centres nearest to their homes.

CLINICAL APPOINTMENTS.

Clinical Assistants.—Two Clinical Assistants are appointed for periods of three months beginning on January 1st, April 1st, July 1st and October 1st, and are eligible for re-election. They must possess a degree or diploma qualifying for practice. They attend the Department and perform such duties as are allotted to them by the Physician in charge.

Clerks.—Eight Clinical Clerks are appointed every three months. They attend two afternoons each week in the Children's Out-patient Room, examine and take notes on the cases which come up for treatment, and afterwards read the notes to the Physician in charge of the Department. The Cases are then demonstrated to the Clinical Clerks and other students present by the Physician in charge.

Students are strongly advised to attend the Department for Diseases of Children and hold a Clinical Clerkship after they have held the appointment of In-patient Clinical Clerk and Dresser.

DEPARTMENT FOR DISEASES OF THE EYE.

Ophthalmic Surgeon: W. T. HOLMES SPICER, M.B.(Cantab)., F.R.C.S.
Assistant Ophthalmic Surgeon:
R. FOSTER MOORE, O.B.E., B.Ch.(Cantab.), F.R.C.S.
Chief Assistant: B. T. LANG, M.B., B.Ch.(Cantab.), F.R.C.S.

THE Hospital contains two Wards, with 25 beds, and a special Operation Theatre for Patients suffering from Diseases of the Eye. The Out-patient Department consists of a large Consulting Room, a well-equipped Dark Room, an Operation Theatre, Room for Septic Cases, Class Room and Patients' Waiting Room.

COURSES OF INSTRUCTION.

1. LECTURES ON OPHTHALMIC MEDICINE AND SURGERY.

BY

W. T. HOLMES SPICER, M.B., F.R.C.S.

AND

R. FOSTER MOORE, O.B.E., B.Ch., F.R.C.S.

DISEASES OF LIDS AND CONJUNCTIVA—Ciliary Blepharitis—Catarrhal, Purulent, Membranous, Granular, Follicular, and Phlyctenular Conjunctivitis.

DISEASES OF THE CORNEA AND SCLERA—Keratitis, Ulcers, Episcleritis, Scleritis.

DISEASES OF THE UVEAL TRACT—Iritis, Cyclitis, Choroiditis, Uveitis Sarcoma, Anomalies of the Pupil.

CATARACT AND GLAUCOMA.

DISEASES OF OPTIC NERVE AND RETINA—Optic Neuritis, Optic Atrophy, Retinitis, Detachment of Retina, Glioma.

OPERATIONS, ACCIDENTS AND INJURIES.

REFRACTION—Defects of Accommodation and Refraction.

STRABISMUS AND OCULAR PARALYSIS.

EYE SYMPTOMS AND DISEASES IN GENERAL DISEASES.

April to July—Thursday at 3.45 P.M.

2. CLINICAL INSTRUCTION ON DISEASES OF THE EYE.

Clinical instruction in Ophthalmology is given by Mr. HOLMES SPICER in the Wards and Out-patient Room on Mondays and Thursdays at 2.30 P.M.; and by Mr. FOSTER MOORE in the Wards on Tuesdays, Wednesdays and Fridays at 3 P.M., and in the Out-patient Room on Tuesdays and Fridays at 2 P.M.

3. OPHTHALMIC OPERATIONS.

Operations are performed in the Ophthalmic Operation Theatre on Tuesdays, Thursdays and Fridays at 3 P.M.

CLINICAL APPOINTMENTS.

1. OPHTHALMIC HOUSE SURGEON.

An Ophthalmic House Surgeon is appointed for six months, and is eligible for re-election for a second term of six months. He is provided with rooms and board by the Hospital Authorities, and receives a salary at the rate of £80 a year.

The Ophthalmic House Surgeon visits the Casualty Department every morning to attend to cases. He also sees the emergency cases, and has charge of the In-patients in the Ophthalmic Wards under the direction of the Ophthalmic Surgeons, and assists them in the Out-patient Department.

2. CLINICAL ASSISTANT.

Clinical Assistants are appointed in the Department for Diseases of the Eye for three months, commencing on January 1st, April 1st, July 1st and October 1st, and are eligible for re-election. They must possess a Degree or Diploma in Medicine and Surgery. They attend the Practice of the Out-patient and In-patient Departments, and perform such duties as are allotted to them. Two paid Refraction Assistants are also appointed to work in the Out-patient Department.

3. OPHTHALMIC DRESSER.

Dressers are appointed by the Ophthalmic Surgeons every three months for work in the Wards and Out-patients' Rooms for Diseases of the Eye. They attend in the Ophthalmic Wards in the morning to dress the In-patients, and take notes of the cases. They subsequently accompany the Ophthalmic Surgeons on their visits to the Wards, and read the notes of their cases. They also attend in the Out-patient Department.

4. DRESSER TO OPHTHALMIC OUT-PATIENTS.

Dressers are appointed by the Ophthalmic Surgeons every three months for work in the Ophthalmic Out-patient Department, which they must attend on two afternoons weekly, viz.: on Mondays and Thursdays, or on Tuesdays and Fridays.

N.B.—Every Student MUST act as a Dresser to Ophthalmic Out-patients (at least) in order to comply with the regulations of Examining Boards.

5. PATHOLOGICAL CLERK.

One Pathological Clerk is appointed every three months to the Ophthalmic Wards. His duty is to examine and prepare microscopical sections of tissues and to report the result of any pathological investigations which may be required in the Department. His work is carried on under the supervision of the Demonstrators of Pathology and the Chief Assistants.

The Ophthalmic Surgeons attend the Ophthalmic Wards as follows:

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Mr. HOLMES SPICER .	2.30	—	—	2.30	—	—
Mr. FOSTER MOORE .	—	3	2	—	3	—

and the Out-patients' Room according to the following table:

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Mr. HOLMES SPICER .	2.30	—	—	2.30	—	—
Mr. FOSTER MOORE .	—	2	—	—	2	—

DEPARTMENTS FOR DISEASES OF THE THROAT AND NOSE AND EAR.

THROAT AND NOSE.

Surgeon and Clinical Lecturer on Diseases of the Throat and Nose:
W. DOUGLAS HARMER, M.Ch.(Cantab.), F.R.C.S.

Surgeon with charge of Out-patients:
F. A. ROSE, M.B., B.Ch.(Cantab.), F.R.C.S.

Chief Assistant: T. H. JUST, M.B., B.Ch.(Cantab.), F.R.C.S.

Instructor for Speech Defects:
C. MACMAHON, B.A.

EAR.

Aural Surgeon and Clinical Lecturer on Diseases of the Ear:
ERNEST WEST, M.B., B.Ch.(Oxon.), F.R.C.S.

Aural Surgeon with charge of Out-patients:
SYDNEY SCOTT, M.S., M.B.(Lond.), F.R.C.S.

Chief Assistant: H. B. G. RUSSELL, M.B. B.Ch.(Cantab.), F.R.C.S.

The Hospital contains Two Special Out-patient Departments for the above diseases. Each of these departments includes a Clinical Room, in which patients are seen by the Surgeons in charge, an Operation Theatre, a Recovery Room, Clerks' Rooms, a Dark Room and Patients' Waiting Hall.

There are also Two Wards, with 20 beds, and a special Operation Theatre for patients suffering from these diseases.

COURSES OF INSTRUCTION.

1. SYSTEMATIC COURSES OF CLINICAL INSTRUCTION in Diseases of the Throat and Nose and Ear are given by the Surgeons in charge, aided by the Chief Assistants.

2. LECTURES.—Periodical Lectures are given by Mr. DOUGLAS HARMER and Mr. ERNEST WEST at times which are announced on the School Notice Board.

3. OPERATIONS.—Operations are performed on Patients with Affections of the Throat and Nose and Ear at the following times. Minor cases during Out-patient sitting:

	Theatre.	Mon.	Tues.	Wed.	Thurs.	Fri.
Mr. HARMER . .	Throat	—	—	1.45 Ward cases	—	9 Adenoids
Mr. ROSE . .	Throat	—	—	—	1.30 Adenoids and ward cases	—
Mr. WEST . .	Ear	—	1.30 Ward cases Adenoids	—	—	—
Mr. SCOTT .	Ear	—	—	9 Ward cases Adenoids	—	—

CLINICAL APPOINTMENTS.

1. HOUSE SURGEON.

A House Surgeon is appointed for six months. He is provided with rooms and board by the Hospital Authorities, and receives a salary at the rate of £80 a year.

The House Surgeon visits the Casualty Department every morning to attend to cases. He also sees the emergency cases and has charge of the In-patients in the Wards under the direction of the Surgeons, and assists them in the Out-patient Department.

2. CLINICAL ASSISTANT.

Clinical Assistants are appointed in the Department for Diseases of the Throat and Nose and Ear for periods of three months, commencing on January 1st, April 1st, July 1st and October 1st, and are eligible for re-election. They must possess a Degree or Diploma in Medicine and Surgery. They attend the Practice in the Out-patient Departments, and perform such duties as are allotted to them by the Surgeons.

3. DRESSER.

Five Dressers are appointed by the Surgeons every three months for work in the Wards and Out-patients' Rooms for Diseases of the Throat and Nose and Ear. They attend in the Wards in the morning to dress the In-patients and take notes of the cases. They subsequently accompany the Surgeons on their visits to the Wards, and read the notes of their cases. They also attend in the Out-patient Department.

4. CLERK.

Twenty Clerks are appointed each three months. They assist in the work of the Department, and are instructed in the Methods of Examination and Diagnosis and the Treatment of Patients suffering from Diseases of the Throat and Nose and Ear. They also receive instruction in the use of the instruments, and assist in the performance of the necessary Operations.

5. PATHOLOGICAL CLERK.

One Pathological Clerk to the Department is appointed every three months. His duty is to examine and prepare microscopical sections of tissues removed in the Operation Theatres, and to undertake and report the result of any pathological investigations which may be required in the Department. His work is carried on under the supervision of the Demonstrators of Pathology and the Chief Assistants.

The Surgeons in charge attend the Out-patient Department as follows:

	Mon.	Tues.	Wed.	Thurs.	Fri.
Mr. HARMER . . .	1.30	—	—	9	—
Mr. ROSE	—	9.30	—	—	1.30
Mr. WEST	1.30	—	—	9	—
Mr. SCOTT	—	9	—	—	1.30

DEPARTMENT OF ORTHOPÆDIC SURGERY.

Surgeon in Charge of the Orthopædic Department and Clinical Lecturer on Orthopædic Surgery:
R. C. ELMSLIE, O.B.E., M.S., M.B.(Lond.), F.R.C.S.
Chief Assistant: P. J. VERRALL, M.B., B.Ch.(Cantab.), F.R.C.S.

The Orthopædic Department consists of five rooms and an Operation Theatre, with a Gymnasium, and of Nine Beds in the Hospital.

COURSES OF INSTRUCTION.

1. SYSTEMATIC COURSES OF INSTRUCTION are given to Students in this Department on Monday afternoons at 2 P.M. in the Orthopædic Department.

2. CLINICAL LECTURES IN ORTHOPÆDIC SURGERY are given once a month at times which are announced on the School Notice Board.

3. LECTURES ON MECHANO-THERAPEUTICS.—See page 35.

4. MASSAGE AND PHYSICAL EXERCISES are carried on daily at 1.30, and Students may attend and learn by observation the methods in use.

CLINICAL APPOINTMENTS.

1. CLINICAL ASSISTANT.—Clinical Assistants are appointed in the Orthopædic Department for periods of three months, commencing on January 1st, April 1st, July 1st, and October 1st, and are eligible for re-election. They must possess a Degree or Diploma in Medicine and Surgery. They attend the Practice in the Department and perform such duties as are allotted to them by the Orthopædic Surgeon.

2. DRESSERS.—Ten Dressers are appointed every three months. They attend in the Department on Monday and Thursday afternoons and assist in the work of the Department. If they elect also to be Dressers for In-patients they take notes of the Patients in the Wards and assist at the Orthopædic operations upon the In-patients.

Mr. ELMSLIE attends in the Orthopædic Department at the following times:

Monday	1.30.	Wards.
„	2.	Orthopædic Out-Patient Department.
„	3.30.	Operations upon Out-Patients.
Tuesday	1.30.	Operations upon In-Patients (Theatre C).
Thursday	1.30.	Orthopædic Out-Patient Department.

DEPARTMENT FOR VENEREAL DISEASES.

Medical Officer in Charge and Lecturer on Venereal Diseases: K. M. WALKER, O.B.E., M.B., B.Ch.(Cantab.), F.R.C.S.

Assistant Medical Officer: A. C. ROXBURGH, M.D.(Cantab.), M.R.C.P.

Chief Assistants: . . N. BONARD, M.R.C.S., L.R.C.P.
H. A. M. BOSMAN, M.R.C.S., L.R.C.P.

The Department is housed at the Special Treatment Centre in Golden Lane, and comprises accommodation for a large out-patient clinic and ten in-patients.

COURSES OF INSTRUCTION.

1. CLINICAL DEMONSTRATIONS are given by the Medical Officer in Charge, aided by the Assistant Medical Officer of the Department, on Monday at 12, and Wednesday at 12, and Friday at 5 P.M.

2. LECTURES.—Courses of Lectures are given by the Medical Officer in Charge at times which will be announced on the School Notice Board.

CLINICAL APPOINTMENTS.

1. HOUSE SURGEON.

A House Surgeon is appointed for a period of six months and acts also as House Surgeon to the Skin Department. He is provided with rooms and board by the Hospital Authorities and receives a Salary at the rate of £80 a year.

He sees patients in the Casualty Department every morning, and at such other times as may be necessary. He has charge of the In-patients under the direction of the Medical Officer in Charge, and assists in the Out-patient Department.

2. CLINICAL ASSISTANT.

Clinical Assistants are appointed for periods of three months commencing on January 1st, April 1st, July 1st, and October 1st, and are eligible for re-election. They must possess a degree or diploma in Medicine and Surgery. They attend the practice of the Department and perform such duties as are allotted to them by the Medical Officer in Charge.

3. DRESSER.

Ten Dressers are appointed each three months. They assist in the work of the Department and receive instruction in the diagnosis and treatment of Venereal Diseases.

4. PATHOLOGICAL CLERK.

One or more Pathological Clerks are appointed for periods of three months. Their duties are to examine the pathological material in the Department, to assist in performing the Wassermann test, and in other investigations which may be required.

DEPARTMENT OF PSYCHOLOGICAL MEDICINE OR INSANITY.

Physician in Charge and Lecturer on Psychological Medicine:
Sir ROBERT ARMSTRONG-JONES, C.B.E., M.D.(Lond.), D.Sc.(Wales), F.R.C.P.

COURSES OF INSTRUCTION.

1. LECTURES ON PSYCHOLOGICAL MEDICINE.

This course comprises the whole subject of Insanity as required for the Examinations of the Universities and Colleges.

April to July—Wednesday at 11.45 A.M.

2. LECTURES ON MENTAL PHYSIOLOGY.

(Especially adapted to the M.D. and M.S. Degrees London.)
October to December—Wednesday at 12 noon.

3. CLINICAL DEMONSTRATIONS ON MENTAL DISEASES.

These are given at the London County Asylum, Claybury, near Woodford (G.E.R.), by Sir R. Armstrong-Jones, at times best suited for the attendance of students during the Winter and Summer Sessions.

4. CLINICAL INSTRUCTION IN PSYCHOLOGICAL MEDICINE.

Clinical Instruction in Psychological Medicine is given in the Out-patient Department of the Hospital by the Physician in Charge on Fridays at 2 P.M.

CLINICAL APPOINTMENTS.

1. CLINICAL ASSISTANT.—Clinical Assistants are appointed for periods of three months on January 1st, April 1st, July 1st and October 1st, and are eligible for re-election. They must possess a Degree or Diploma qualifying for Practice. They attend the Department and perform such duties as are allotted to them by the Physician in Charge.

2. CLERKS.—Clinical Clerks are appointed every three months. They attend the Department and take notes on the cases which come up for advice or treatment, and afterwards read the notes to the Physician in Charge, who then demonstrates the cases to them and other students in attendance.

DEPARTMENT OF FORENSIC MEDICINE.

Lecturer on Forensic Medicine: ROBERT A. LYSTER, M.D., B.Ch., B.Sc. (Birm.), B.Sc.(Lond.), D.P.H.

COURSE OF INSTRUCTION.

LECTURES ON FORENSIC MEDICINE.

The Lectures, as far as possible, deal with the application of every branch of medical science to the purposes of the law:

1. The duties of a medical practitioner as witness in a court of law.
2. The legal position of a medical practitioner in relation to public bodies and to private patients.
3. The rules which regulate professional conduct.
4. Medico-legal matters concerning death, wounds, &c.
5. Poisons in their medico-legal aspects.

April to July—Tuesday and Friday at 11.45 A.M.

DEPARTMENT OF ELECTRO-THERAPEUTICS.

Medical Officer in Charge and Clinical Lecturer on Medical Electricity:
E. P. CUMBERBATCH, M.B., B.Ch.(Oxon.), M.R.C.P.

Chief Assistant: . ALASTAIR MACGREGOR, M.D., C.M.(Edin.)

Monday, Tuesday, Thursday and Friday at 1.30 P.M.

COURSES OF INSTRUCTION.

1. Short clinical demonstrations are given each afternoon. Students are admitted at all times to follow the work of the Department during the four afternoons when the Department is open.

2. LECTURES.—Lectures are given by Dr. CUMBERBATCH at times which are announced on the School Notice Board.

CLINICAL APPOINTMENTS.

1. CLINICAL ASSISTANTS.—Clinical Assistants in the Department are appointed for periods of three months, commencing on January 1st, April 1st, July 1st and October 1st, and are eligible for re-election. Clinical Assistants must possess a Degree or Diploma in Medicine and Surgery. They perform such duties as are allotted to them by the Medical Officer in charge.

2. CLERKS are appointed for periods of one, two or three months to suit individual requirements.

X-RAY DEPARTMENT.

Medical Officer in Charge and Lecturer on Radiology:
N. S. FINZI, M.B.(Lond.), D.M.R.E.(Cantab.).

Assistant Medical Officers:
H. TREVELYAN GEORGE, M.R.C.S., L.R.C.P.
DUDLEY M. STONE, M.R.C.S., L.R.C.P.

Chief Assistant: H. MARTIN BERRY, M.D.(Liverpool), D.M.R.E.(Cantab.).

Monday, Tuesday, Thursday and Friday at 1.30 P.M.

COURSES OF INSTRUCTION.

1. Instruction in the work of the Department is given on Monday, Tuesday, Thursday and Friday afternoons.

2. LECTURES ON RADIO-THERAPEUTICS.—See page 35.

CLINICAL APPOINTMENTS.

1. CLINICAL ASSISTANTS.—Clinical Assistants in the Department are appointed every three months—January, April, July and October—and are eligible for re-election. They must possess a Degree or Diploma in Medicine and Surgery. They perform such duties as are allotted to them by the Medical Officer in charge.

2. CLERKS are appointed for periods of one, two or three months.

DEPARTMENT FOR THE ADMINISTRATION OF ANÆSTHETICS.

Senior Administrator of Anæsthetics :
W. F. CROSS, M.R.C.S , L.R.C.P.

Administrator of Anæsthetics : H. E. G. BOYLE, O.B.E. M.R.C.S., L.R.C.P

Assistant Administrators of Anæsthetics :
C. F. HADFIELD, M.B.E., M.D.(Cantab.).
R. WADE, M.R.C.S., L.R.C.P.
C. LANGTON HEWER, M.B., B.S.(Lond.).

COURSES OF INSTRUCTION.

1. LECTURES.—Courses of Lectures are given by the Visiting Anæsthetists in October and January. These comprise a systematic and detailed description of the uses and properties of the different Anæsthetic Agents, the indications for and against their adoption in any individual case, the methods of their administration, and the method of using the different forms of appliances which are made use of in their administration. Monday at 4 P.M.

2. CLINICAL INSTRUCTION.—Systematic Courses of Clinical Instruction in connection with the administration of Anæsthetics are given concurrently with each series of Anæsthetic Clinical Appointments.

CLINICAL APPOINTMENTS.

1. ADMINISTRATORS OF ANÆSTHETICS.—Three Resident Administrators of Anæsthetics are appointed each six months. Each is paid a salary at the rate of £80 per annum, and is provided with board and rooms by the Hospital Authorities.

The Resident Anæsthetists administer Anæsthetics to patients undergoing Operations in any of the Departments of the Hospital.

2. CLERK FOR THE ADMINISTRATION OF ANÆSTHETICS.—Anæsthetic Clerks are appointed every month. Their duties are to administer Anæsthetics, under the personal supervision of the Official Anæsthetists, to patients in the Operation Theatres, Wards, and Out-patient and Special Departments of the Hospital. Each Clerk receives personal instruction as regards the practical administration of the different anæsthetic agents during the period of his appointment.

Students should take this course in their fourth or fifth year after they have completed their clinical appointments in the Wards, and must attend a complete Course of Demonstrations before being appointed as an Anæsthetic Clerk.

Candidates for the post of House Physician or House Surgeon must be able to produce a Certificate of having satisfactorily attended a complete Course.

DENTAL DEPARTMENT.

Dental Surgeons: R. C. ACKLAND, C.B.E., M.R.C.S., L.R.C.P., L.D.S.
HAROLD AUSTEN, M.D.(Lond), M.R.C.S., L.D.S.

Assistant Dental Surgeons: F. COLEMAN, M.C., M.R.C.S., L.R.C.P., L.D.S.
J. G. ATKINSON-FAIRBANK, O.B.E., M.B.(Lond.), L.D.S.

Chief Assistants: C. R. WOODRUFF, M.B.E., M.R.C.S., L.R.C.P., L.D.S.
F. E. P. HUDDART, L.D.S.

Hours of Attendance.—Mr. Ackland, Tuesday 9.30 A.M.; Dr. Austen, Friday 9.30 A.M.; Mr. Coleman, Wednesday, Friday and Saturday at 9 A.M.; Mr. Fairbank, Monday, Tuesday and Thursday at 9 A.M.

COURSES OF INSTRUCTION.

1. DEMONSTRATIONS.—Four short courses of Demonstrations on the Elements of Dental Anatomy and Surgery, and for Dental Extractions on the cadaver, are given during the year.

March, June, September, December.

CLINICAL APPOINTMENTS.

1. DENTAL DRESSERS.—Dressers are appointed every three months.

The treatment of Dental Casualty Cases by the Surgical Dressers in the Surgery is superintended by the Assistant Dental Surgeons and Chief Assistants daily from 9 A.M. until 10 A.M.

DEPARTMENT FOR DISEASES OF THE SKIN.

Physician in Charge and Clinical Lecturer on Dermatology:
H. G. ADAMSON, M.D.(Lond)., F.R.C.P.

Chief Assistants: A. C. ROXBURGH, M.B.(Cantab.), M.R.C.P.
H. A. M. BOSMAN, M.R.C.S., L.R.C.P.

Tuesday, Wednesday and Friday at 9 A.M.

COURSES OF INSTRUCTION.

1. SYSTEMATIC COURSES OF INSTRUCTION are given in the Skin Department during each three months of the Academical Year on Tuesday and Friday at 10 A.M.

2. LECTURES.—Periodical Lectures are given by Dr. ADAMSON at times which are announced on the School Notice Board.

CLINICAL APPOINTMENTS.

1. CLINICAL ASSISTANTS.—Clinical Assistants are appointed in the Department for Diseases of the Skin for periods of three months, commencing on January 1st, April 1st, July 1st and October 1st, and are eligible for re-election. They must possess a Degree or Diploma in Medicine and Surgery. They attend the Practice in the Department, and perform such duties as are allotted to them by the Physician in charge.

2. CLERKS.—Ten Clerks are appointed each three months.

DEPARTMENT FOR PUBLIC HEALTH INSTRUCTION.

Lecturer and Tutor on Public Health :
R. A. LYSTER, M.D., B.Ch., B.Sc.(Birm.), B.Sc.(Lond.), D.P.H.

Lecturer on and Demonstrator of Chemistry in Relation to Public Health :
W. H. HURTLEY, D.Sc.(Lond.).

Lecturer on and Demonstrator of Physics in Relation to Public Health :
F. WOMACK, M.B., B.Sc.(Lond.).

Lecturer on Bacteriology and the Special Pathology of Preventable Diseases :
MERVYN H. GORDON, C.M.G., C.B.E., M.D., B.Ch., B.Sc. (Oxon.).

COURSES OF INSTRUCTION.

1. LECTURES ON PUBLIC HEALTH.

BY

ROBERT A. LYSTER, M.D., B.Ch., B.Sc., D.P.H.

The relations between the practitioner and the general scheme of preventive medicine.

Duties and responsibilities of practitioners in connection with public health.

Preventive action in connection with infectious and other diseases.

Personal Hygiene, Foods, and Dietaries.

The construction of the dwelling-house with reference to
(*a*) The proper access of sunlight and air ;
(*b*) Methods of natural and artificial ventilation, warming and water supply ; and
(*c*) The disposal of refuse and excretal matters (drainage).

Housing, effects on health of overcrowding, vitiated air and occupation.

Effects on health of impure water, polluted soil, and unsound or infected foods. Purification of water.

The ætiology and prevention of endemic and epidemic diseases.
The methodical investigation of cases of such diseases with reference to their causation. The relation to human diseases of the common diseases and parasites of other forms of life, animal or vegetable.

The general principles and methods of preventive inoculation, isolation and disinfection.

The powers and legal obligations of the medical practitioner under Public Health legislation ; the correct certification of the cause of death ; School Hygiene, and School Medical Inspection.

April to July—Friday at 9 A.M.

N.B.—The above Course forms a part of the ordinary medical curriculum. The following additional Courses are arranged to meet the requirements of candidates for the Diploma in Public Health.

II. COURSE OF INSTRUCTION FOR THE DIPLOMA IN PUBLIC HEALTH.*

1. CHEMISTRY IN RELATION TO PUBLIC HEALTH.

BY

W. H. HURTLEY, D.Sc., AND J. H. JOHNSTON, M.Sc.

A three months' qualifying Course of Practical Instruction in the Chemical Laboratory and Lectures on Methods of Chemical Analysis and Interpretation of Results. Chemical composition and examination of air, water, foods and beverages, sewage effluents, disinfectants, etc. Food preservatives. Purification and softening of water.

October to December ; April to July. Tuesday, 2.30 ; Thursday, 2.

2. PHYSICS IN RELATION TO PUBLIC HEALTH.

BY

F. WOMACK, M.B., B.Sc.

The principles of Physics in relation to warming, ventilation, water-supply, drainage, and other questions of public health. Meteorology in relation to health ; construction and use of meteorological instruments. Effect on health of season, climate, and geological conditions. Statistics—principles and methods; construction of Life Tables, etc.

January to March ; April to July.—Tuesday, 1.30.

3. BACTERIOLOGY AND THE SPECIAL PATHOLOGY OF PREVENTABLE DISEASES, WITH GENERAL MICROSCOPY.

BY

MERVYN H. GORDON, C.M.G., C.B.E., M.D., B.Ch., B.Sc.(Oxon.).

Dr. GORDON conducts a Course of Bacteriology, including :—Principles of bacteriological diagnosis. Classification of the pathogenic bacteria. Paths and process of infection. Immunity and anaphylaxis. Serological methods and their practical application. The ætiology of infective agents of the chief infective diseases, and of diseases of animals communicable to man. The bacteriology of air, dust, soil, sewage, water, milk, foods, etc. Disinfectants and filters. General microscopy.

October to December and April to June—Monday, Wednesday, and Friday, 2–5.

4. LECTURES ON SANITARY LAW AND ADMINISTRATION.

BY

R. A. LYSTER, M.D., B.Sc., D.P.H.

Public Health Administration and methods of inspection and investigation. Building construction of hospitals, schools, dwellings. Principles of sanitation—premises, nuisances, offensive and dangerous trades, sewage disposal, epidemics, disinfection, etc. Diseases connected with food. Sanitary Law. Vital Statistics. School Hygiene.

October to December—Wednesday at 12.45 ; April to July—Friday at 12.45.

Visits to places of Public Health interest are arranged and schemes of reading are planned in connection with this Course.

5. INSTRUCTION IN FEVER HOSPITAL AND OUTDOOR SANITARY WORK.

Practical study of the duties, routine and special, of Public Health Administration at a Fever Hospital, and under the supervision of a Medical Officer of Health, can be arranged by communicating with Dr. Lyster, the Lecturer in Public Health.

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* *The Course of Laboratory work may be completed in either our months for six months as required by regulations of Examining Boards.*

HOURS OF ATTENDANCE AT THE HOSPITAL.

IN-PATIENT DEPARTMENTS.

	M.	T.	W.	Th.	F.	S.
General Medicine :						
Dr. Fletcher	1.30	1.30		1.30	1.30	
Dr. Drysdale	1.30	1.30		2	1.30	
Sir P. Hartley	1.30	1.30		1.30	1.30	
Prof. Fraser (Director of Medical Clinic)		1.30			1.30	
Sir T. Horder	1.30	1.30		1.30	1.30	
Dr. Langdon Brown					1.30	
Dr. Thursfield				1.30		
Dr. Hinds Howell			1.30			
Dr. Geoffrey Evans (Assistant Director of Medical Clinic)	1.30			1.30		
Dr. Gow		1.30				
General Surgery :						
Mr. Waring	1.30	1.30		1.30	1.30	
Mr. Eccles	1.30	1.30		1.30		9
Mr. Rawling	1.30	1.30		1.30	1.30	
Prof. Gask (Director of Surgical Clinic)	1.30	1.30		1.30		
Sir C. Gordon-Watson	2	1.30	2	1.30	1.30	
Mr. Wilson			1.30			
Mr. Girling Ball			1.30			
Mr. Roberts		1.30				
Mr. Dunhill (Assistant Director of Surgical Clinic)					1.30	
Mr. Vick				1.30		
Midwifery and Gynæcology :						
Dr. Williamson	2	2		2	2	
Dr. Barris	2		2		2	
Dr. Donaldson	2				2	
Ophthalmology :						
Mr. Spicer	2.30			2.30		
Mr. Foster Moore		3	2		3	
Laryngology :						
Mr. Harmer	2			11		
Mr. Rose			6			
Otology :						
Mr. West	1.30				1.30	
Mr. Scott					1.30	
Orthopædics :						
Mr. Elmslie	1.30	1.30				
Dermatology :						
Dr. Adamson		12	12		12	

For time-tables of Operations, see pp. 42, 45, 51, 53 and 55.
Post-mortem Examinations—Medical at 12.30 P.M.; Surgical at 12.45 P.M.

OUT-PATIENT DEPARTMENTS.

	M.	T.	W.	Th.	F.	S.
General Medicine: Dr. Langdon Brown			10			
Dr. Thursfield						10
Dr. Hinds Howell	10					
Dr. Geoffrey Evans (Assistant Director of Medical Clinic)		10			10	
Dr. Gow				10		
General Surgery: Mr. Wilson			10			
Mr. Girling Ball						10
Mr. Roberts					10	
Mr. Dunhill (Assistant Director of Surgical Clinic)	10			10		
Mr. Vick		10				
Gynæcology: Dr. Barris	9			1.30		
Dr. Donaldson			1.30			9
Ophthalmology: Mr. Spicer	2.30			2.30		
Mr. Foster Moore		2			2	
Laryngology: Mr. Harmer	1.30			9		
Mr. Rose		9.30			1.30	
Otology: Mr. West	1.30			9		
Mr. Scott		9			1.30	
Orthopædics: Mr. Elmslie	2			1.30		
Dermatology: Dr. Adamson		9	9		9	
Diseases of Children and Infant Welfare: Dr. Fletcher			1.30			
Dr. Thursfield	1.30					
Electro-Therapeutics: Dr. Cumberbatch	1.30	1.30		1.30	1.30	
X-ray Department: Dr. Finzi	1.30	1.30	9	1.30	1.30	9
Dentistry: Mr. Ackland		9.30				
Dr. Austen					9.30	
Mr. Coleman			9		9	9
Mr. Fairbank	9	9		9		
Venereal Diseases: Mr. Walker, Dr. Roxburgh	12		12	12	5	
Psychological Medicine: Sir Robert Armstrong-Jones					2	

DAYS AND HOURS OF LECTURES AND DEMONSTRATIONS IN ADVANCED SUBJECTS.

WINTER SESSION (October to March).

	M.	T.	W.	Th.	F.	S.
Pathology	12		12			
Morbid Anatomy (Medical)			4.30			
Morbid Anatomy (Surgical)		4.45				
Morbid Histology					4.15	
Medicine	3.45	3.45				
Clinical Medicine					12.45	
Practical Medicine	4.45	4.45		4.45	4.45	
Surgery		12.45		12.45		
Clinical Surgery			12.45			
Practical Surgery		12	12		12	
Operative Surgery	4.15	4.15	4.15	4.15	4.15	9
Midwifery		9*		9†		
Clinical Gynæcology		9†		9*		
Practical Midwifery			4.45		9	
Anæsthetics	4					
Special Subjects (Clinical)	12.45					

* January to March. † October to December.

SUMMER SESSION (April to July).

Medicine	3.45	3.45				
Clinical Medicine					12.45	
Practical Medicine	4.45	4.45		4.45	4.45	
Surgery		12.45				
Clinical Surgery			12.45			
Practical Surgery		12	12		12	
Operative Surgery	4.15	4.15	4.15	4.15	4.15	9
Midwifery		9				
Clinical Gynæcology				9		
Practical Midwifery			4.45		9	
Therapeutics	12.15			12.15		
Forensic Medicine		11.45			11.45	
Public Health					9	
Mental Diseases			11.45			
Ophthalmology				3.45		
Morbid Anatomy (Medical)			4.30			
Morbid Anatomy (Surgical)		4.45				
Anæsthetics	4					
Special Subjects (Clinical)	12.45					

FEES.

A. COMPOSITION FEES FOR INCLUSIVE COURSES OF STUDY.

By payment of composition fees the student is entitled to attend all the appropriate courses of instruction required by the various Examining Boards, to attend Hospital Practice, hold Clinical appointments, and compete for Scholarships and Prizes under regulations herein detailed :—

1. FOR STUDENTS COMMENCING THEIR MEDICAL STUDIES:

If paid in one sum on entrance, 220 guineas; or by five instalments of 48 guineas each, as follows:—

First, on entrance; second, at beginning of 2nd year; third, at beginning of 3rd year; fourth, at beginning of 4th year; fifth at beginning of 5th year.

2. FOR STUDENTS WHO HAVE PASSED AN EXAMINATION IN PRELIMINARY SCIENCE, such as the first M.B. of the University of Cambridge, the first Examination for Medical Degrees of the University of Oxford or London or the 1st examination of the Conjoint Board.

If paid in one sum on entrance, 190 guineas; or by four instalments of 52 guineas each, as follows :

First, on entrance; second, at beginning of 2nd year; third, at beginning of 3rd year; fourth, at beginning of 4th year.

3. FOR STUDENTS WHO HAVE FINISHED TWO YEARS OF MEDICAL STUDY but have not completed their Anatomical and Physiological studies :

If paid in one sum on entrance, 145 guineas; or by three instalments of 53 guineas each, as follows :

First, on entrance; second, at beginning of 2nd year; third, at beginning of 3rd year.

4. FOR STUDENTS WHO HAVE COMPLETED THREE YEARS OF MEDICAL STUDY but have not passed an examination in Anatomy and Physiology :

If paid in one sum on entrance, 120 guineas; or by two instalments of 64 guineas each, as follows :

First, on entrance; second, at beginning of 2nd year.

5. UNIVERSITY STUDENTS who have passed an examination completing their Anatomical and Physiological studies, such as 1st M.B. Oxford, 2nd M.B. Cambridge, Durham or Victoria, or the 2nd Examination of the Conjoint Board :

If paid in one sum on entrance, 105 guineas; or by two instalments of 56 guineas each, as follows :

First, on entrance; second, at beginning of 2nd year.

Payment of any of the above Composition fees entitles the Student to a perpetual ticket, conditional on his work and conduct being satisfactory to the Authorities of the Hospital and to the Medical Officers.

6. PRELIMINARY SCIENTIFIC STUDENTS:

For one year's instruction in the Preliminary Scientific Department, 30 guineas; or separate subjects may be taken—Biology, 15 guineas; Chemistry, 10 guineas; Physics, 8 guineas.

For a further period of not more than 6 months, 16 guineas; or for single subjects : Biology, 8 guineas; Chemistry, 5 guineas; Physics, 4 guineas.

B. FEES FOR HOSPITAL PRACTICE.

(For Students entering from other Hospitals and Medical Schools.)

The following Fees have been arranged for Students who wish to attend the Practice of the Hospital, but not the Systematic Courses of Lectures, or Demonstrations, and include Attendance on Clinical Lectures, Post-Mortem Examinations, and the Tutorial Revision Classes for Students preparing for the Final Examinations.

MEDICAL PRACTICE.

Three Months	**16 Guineas.**
Six Months	**26** ,,
Twelve Months	**40** ,,
Perpetual	**48** ,,

SURGICAL PRACTICE.

Three Months	**16 Guineas.**
Six Months	**26** ,,
Twelve Months	**40** ,,
Perpetual	**48** ,,

MEDICAL AND SURGICAL PRACTICE.

Three Months	**25 Guineas.**	Twelve Months	**50 Guineas.**
Six Months	**40** ,,	Perpetual	**80** ,,

C. FEES FOR QUALIFIED PRACTITIONERS.

1. Fee to qualified Practitioners for Hospital Practice: 3 months, 15 guineas; 6 months, 20 guineas.

2. Fee for F.R.C.S. Class (exclusive of Operative Surgery): 25 guineas; or for St. B. H. men, 10 gns. **Oper. Surg.,** 10 gns., St. B. H. men, 6 gns.

3. Fee for M.D. Course: 3 months, 7 guineas; or for St. B. H. men, 5 guineas.

4. Fee for course of Laboratory Instruction for the D.P.H. (including Lectures on Sanitary Law), 20 guineas.

5. Fee for Members of the Royal Naval Medical Service, Royal Army Medical Corps, Royal Air Force Medical Service, and of the Indian Medical Service (for attendance on Medical and Surgical Practice, Special Departments, Clinical Lectures and Tutorial Classes), 3 months, 15 guineas; 6 months, 20 guineas.

D. FEES FOR ATTENDANCE ON THE SPECIAL CLINICAL DEPARTMENTS.

(Diseases of the Eye, Diseases of Women, Diseases of the Throat, Diseases of the Ear, Diseases of Children, Orthopædic Surgery, Diseases of the Skin, Venereal Diseases, Electro-Therapeutics, X-ray Department, Psychological Medicine, Dental Surgery.)

(1) For attendance on any one of the above Special Departments: Three Months, **£7 7s.**; Six Months, **£12 12s.**; Nine Months, **£15 15s.**; Unlimited, **£21.**

(2) For attendance on two Special Departments simultaneously: Three Months, **£12 12s.**; Six Months, **£15 15s.**

(3) For attendance on three Special Departments simultaneously: Three Months, **£15 15s.**; Six Months, **£21.**

The Fees for Special Departments include attendance on the Practice of the Department, the Clinical Lectures and Demonstrations given in connection with that Department, and the appointment as Clinical Assistant if the Student be qualified and approved.

E. FEES FOR LECTURES AND DEMONSTRATIONS.

MEDICINE. Lectures, **£10 10s.** Practical Medicine, **£7 7s.** Tutorial Class, **£7 7s.**

SURGERY. Lectures, **£10 10s.** Practical Surgery, **£7 7s.** Tutorial Class, **£7 7s.** Operative Surgery, **£6 6s.** Elementary Class **£1.**

MIDWIFERY AND DISEASES OF WOMEN. Lectures **£10 10s.** Practical Midwifery, **£7 7s.** Tutorial Class, **£7 7s.**

ANÆSTHETICS. £7 7s.

PATHOLOGY. Lectures, **£10 10s.** Bacteriology, **£5 5s.** Chemical Pathology, **£5 5s.** Morbid Histology, **£7 7s.** Practical Pathology and Clinical Methods, **£7 7s.** Morbid Anatomy, **£7 7s.** Advanced Class in Clinical Pathological Methods, **£7 7s.** Tutorial Classes, **£7 7s.**

DISEASES OF THE EYE. Lectures, **£5 5s.** Ophthalmoscopic Demonstrations, **£3 3s.**

PUBLIC HEALTH. Lectures, **£5 5s.**

FORENSIC MEDICINE. Lectures, **£6 6s.**

PSYCHOLOGICAL MEDICINE. Lectures on Mental Diseases, **£5 5s.** Lectures on Mental Physiology, **£5 5s.**

ANATOMY. Lectures, **£12 12s.** Dissections, **£7 7s.** for Three Months, **£12 12s.** for Six Months. Advanced Anatomy, **£7 7s.** Tutorial Class, **£7 7s.**

PHYSIOLOGY. Lectures, **£12 12s.** Practical Physiology, **£7 7s.** for Three Months; **£12 12s.** for Six Months. Advanced Physiology, **£7 7s.** Tutorial Class, **£7 7s.**

MATERIA MEDICA AND PHARMACOLOGY. Lectures, **£10 10s.** Practical Pharmacology, **£5 5s.** Practical Pharmacy, **£5 5s.**

BIOLOGY. Lectures, **£10 10s.** Practical Biology, **£7 7s.** Tutorial Class, **£7 7s.**

CHEMISTRY. Lectures, **£10 10s.** Practical Chemistry, **£7 7s.** Practical Organic Chemistry, **£7 7s.** Tutorial Class, **£7 7s.**

PHYSICS. Lectures, **£7 7s.** Practical Physics, **£5 5s.**

THE STUDENTS' UNION OF ST. BARTHOLOMEW'S HOSPITAL.

All Full and University Students must become members of the Students' Union on their entrance to the Medical School.

The Subscription is twelve guineas for full Students.

„ „ eight „ University „

(Payable to the Dean of the Medical School.)

Students who enter the Hospital for a period of not more than one year can become temporary members on payment of a subscription of three guineas.

On payment of the above fee the Student becomes a Life Member of all the Clubs, including the Abernethian Society, the Athletic, Boating, Boxing, Cricket, Golf, Hockey, Lawn Tennis, Association and Rugby Football, Shooting and Swimming Clubs. He receives, while a Student, a copy of the "St. Bartholomew's Hospital Journal" every month, and is entitled to use the Abernethian Reading and Smoking Room, and the Club Ground at Winchmore Hill. The Dining Room, which is in the Residential Block, enables Students to get their meals within the Hospital.

ABERNETHIAN SOCIETY, Founded 1795.

This Society meets in the Abernethian Reading Room each Thursday evening during the Winter Session, and papers of medical and scientific interest are read and discussed.

Clinical evenings are also held during the same Session.

The Abernethian Reading Room is open daily, so that Students can see the various papers and also have opportunities for social intercourse.

THE UNION RECREATION GROUND.

The Students' Union Ground, which is under the control of the Finance Committee of the Union, is situated close to Winchmore Hill Station on the Great Northern Railway, and is easy of access by frequent trains from Farringdon Street Station, the latter being within five minutes' walk of the hospital.

A map showing the position of the ground is annexed.

Return tickets are issued, for the price of a fare and a quarter, for the day, to those who show the card of membership of the clubs. The ground is ten acres in area and has been drained and re-turfed at great expense ; it possesses an excellent pavilion ; it provides accommodation for Association and Rugby Football, and Hockey in the Winter, and makes a first-class Cricket ground in the Summer : there are also good tennis-courts, three of which are retained for matches. All members of the clubs can practise and take part in matches under regulations approved by the School Authorities.

A Miniature Rifle Range has been fitted up in the basement of the Out-patient Block.

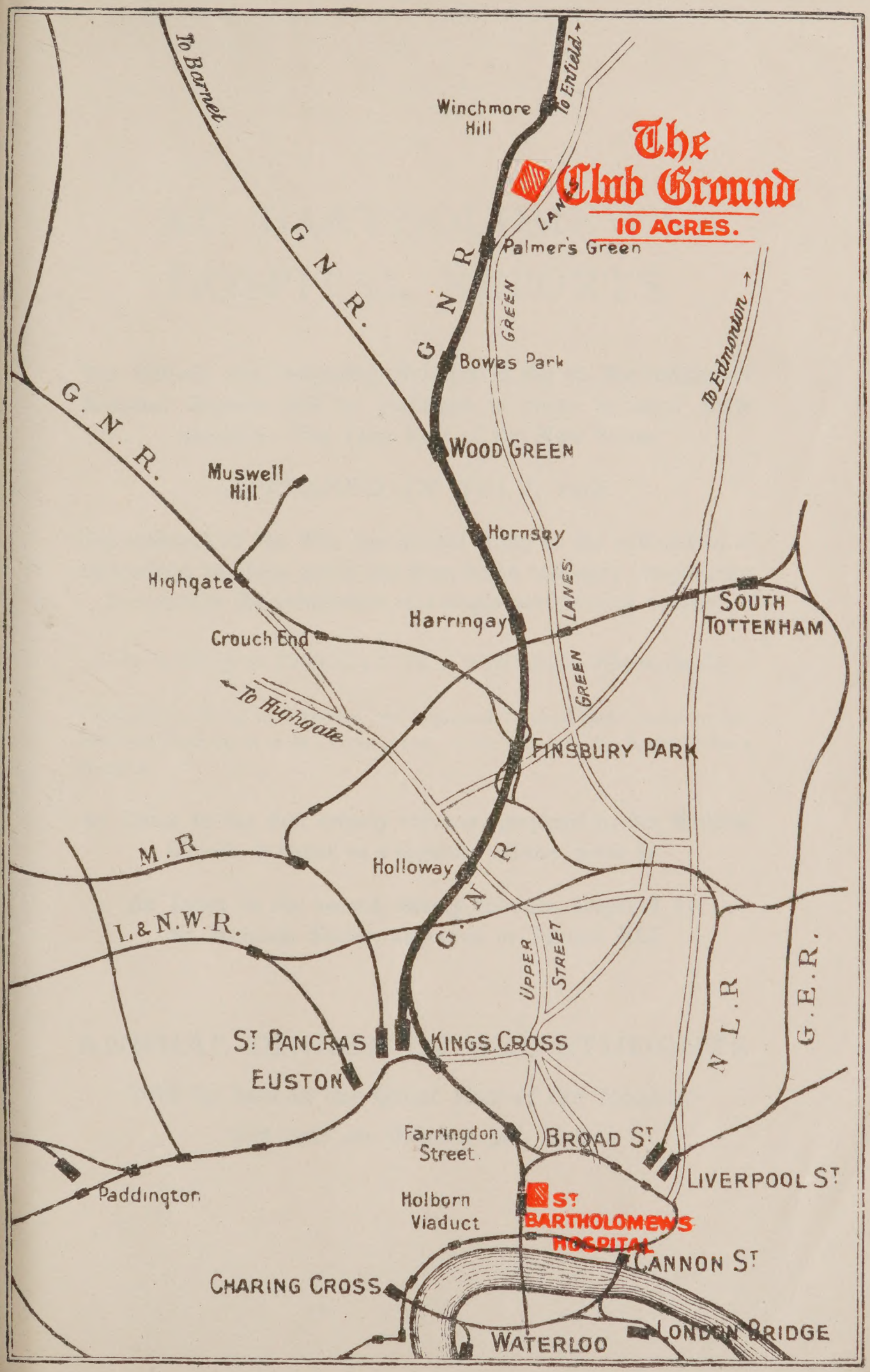
ST. BARTHOLOMEW'S HOSPITAL JOURNAL.

The "St. Bartholomew's Hospital Journal" is the property and organ of the Students' Union. It is issued monthly and has a circulation of more than 2000 copies (per month) amongst past and present St. Bartholomew's men.

It is managed by a Publication Committee, consisting of Teachers and Students, and contains Editorial and Original Articles, Reports of Clinical Lectures, Reports of Cases in the Wards and Out-patients' Rooms, Athletic notes, and general Hospital news.

The Annual Subscription is *7s. 6d.*, including postage. Cheques should be made payable to the "St. Bartholomew's Hospital Journal Account," and sent to W. E. Sargant, M.R.C.S., the Manager, at the Hospital.

Communications for the Journal should be addressed to the "Editor, St. Bartholomew's Hospital Journal."


To Barnet
To Enfield
Winchmore Hill
The Club Ground
10 ACRES.
G N R
LANE
Palmer's Green
GREEN
To Edmonton
Bowes Park
WOOD GREEN
Muswell Hill
Hornsey
Highgate
LANES
SOUTH TOTTENHAM
Harringay
Crouch End
To Highgate
GREEN
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M.R
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G.E.R.
St PANCRAS
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St BARTHOLOMEWS HOSPITAL
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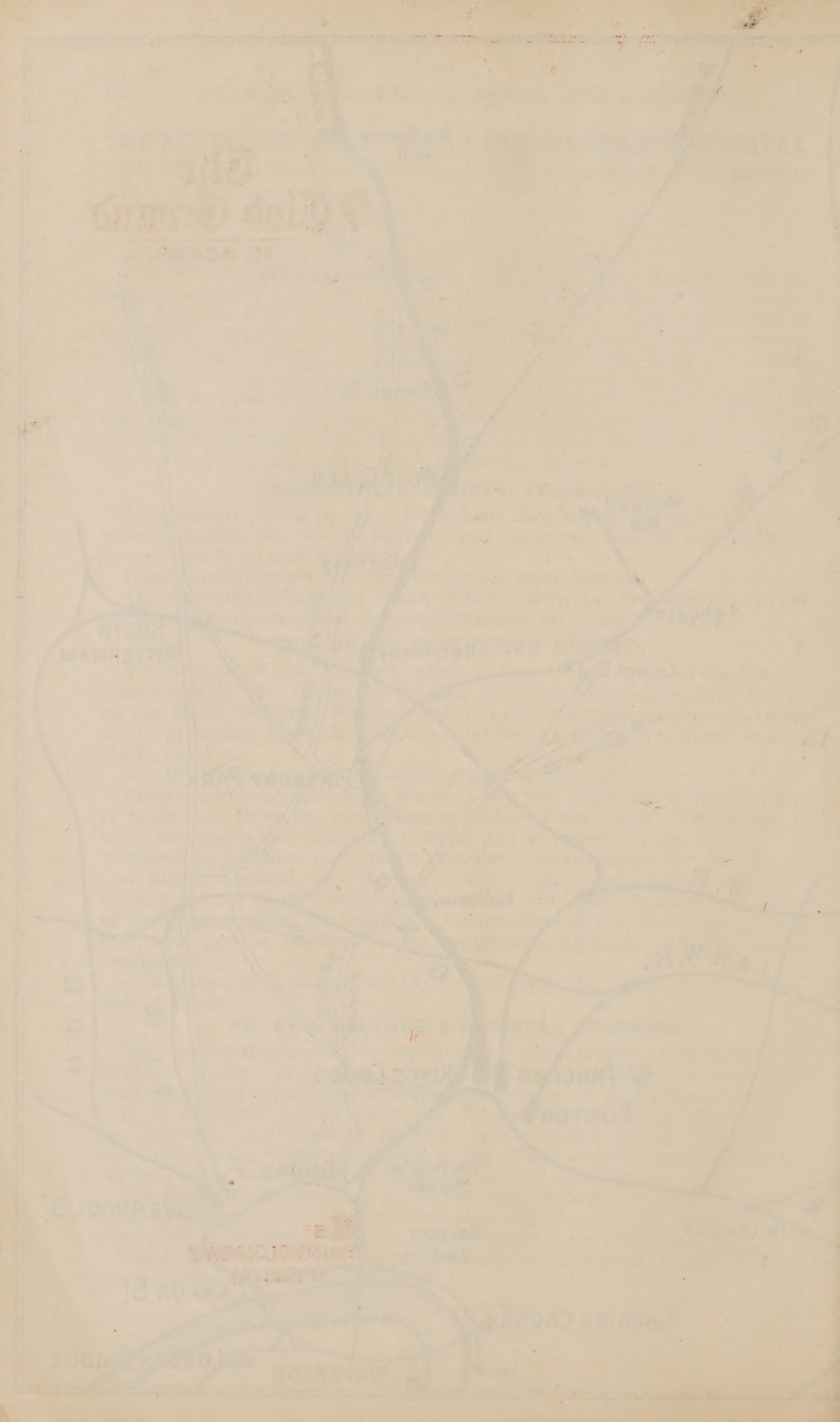

ST. BARTHOLOMEW'S HOSPITAL REPORTS.

The Fiftieth and succeeding Volumes of the St. Bartholomew's Hospital Reports will be published in three or more parts annually: The First Part of the New Series

APPEARED IN JULY, 1914.

The outbreak of the War has caused delay in the publication of succeeding numbers, and it has been found necessary temporarily to revert to the publication of a single part to each volume.

Price annually to Subscribers 6s.; to Non-Subscribers, 8s. 6d.

Gentlemen wishing to subscribe are requested to send their names to Mr. McAdam Eccles, or to Mr. Coughtrey, at the Library, St. Bartholomew's Hospital.

An Index to the first twenty volumes, prepared by Sir William Church, is issued as a separate volume, price 5s.

An Index to the second twenty volumes, prepared by Mr. McAdam Eccles, appeared in Volume XLI.

ANNUAL DINNER OF OLD STUDENTS

Will be held in the Great Hall of the Hospital this year on October 3rd, 1921.

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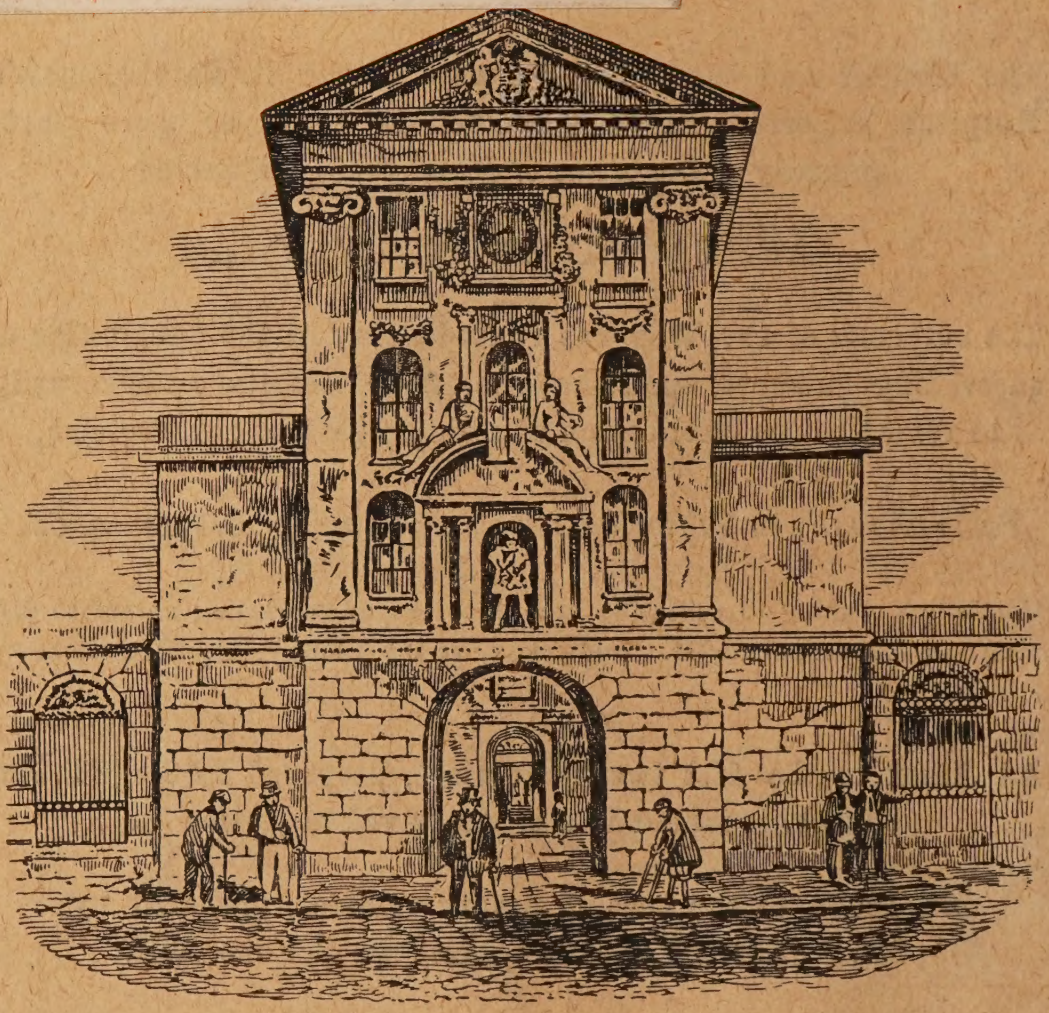

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